Pay Line Gro

Parts Catalog

MODEL 240A
PAY ® TRACTOR
AND
PAY ® LOADER

FORM PC-240A

JANUARY, 1978

Due to a continuous program of [illegible]ment, some procedures, specifications and parts may be altered in a cons[illegible]ove machines.

Periodic revisions may be made to [illegible]blicati[illegible]and mailed automatically to distributors. It is recommended that customers c[illegible]t their distributor for information on the latest revision.

MODEL 240A
PAY ® TRACTOR
AND
PAY ® LOADER

FORM PC-240A

JANUARY, 1978

PRINTED IN UNITED STATES OF AMERICA (1277)

TO TH

IT IS THE POLICY OF INTERNATIONAL HARVEST[illegible] IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RE[illegible] THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCU[illegible]NG ANY OBLIGATION TO INSTALL SUCH CHANGES ON PRODUCTS PREVIOUSLY SOLD.

When ordering parts, always give the following information.

1. The IH part number, including suffix or prefix letters, the name of the part and the quantity needed. Do not include the illustration reference number.
2. The complete chassis and engine serial number of the machine, including the Kind, Variation and Country of Origin codes, and the serial sequence number. (Refer to "INTRODUCTION".)
3. When ordering parts for units which may have their own serial number, such as transmission, torque converter, blade or bucket, drive axle, etc., also include the serial number of such units.

We suggest that you write the serial numbers for your machine in the spaces provided below, for ready reference when Parts are needed.

TRACTOR SERIAL NO. _____

ENGINE SERIAL NO. _____

TRANSMISSION SERIAL NO. _____

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The following basic publications are tional information on this particular machine. Special publications, other than the basic publica n below, can be ordered from the PAY LINE Index and Price List (*). Please tear out this page an the publications desired. Fill in ALL the information requested and mail to:

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	FORM NO.	DESCRIPTION	Price
☐	EPC-179	Engine Parts Catalog (D-179 Diesel)	3.30
☐		Chassis Parts Catalog	
☐	OM-240A	Operator's Manual	@
☐	ISS-1521-1	Engine Service Manual (D-179 Diesel	8.70
☐	ISS-1522-3	Injection Pump Service Manual	21.80
☐	GSS-1372	Loader/Backhoe Service Manual	13.60
☐	1212796C1	Loader/Backhoe Safety Manual	1.50
☐	ISS-1546	Hydrostatic Transmission	6.30
(*) ☐	1 019 104 R14 (Or later)	PAY LINE Index and Price List (List of all PAY LINE publications available)	2.00

Prices subject to change without notice.

@ — Manual in process. Contact International Harvester Co., Product Publications Dept., 600 Woodfield, Schaumburg, IL. 60196 for current price.

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PAY® TRACTOR
AND
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FORM PC-240A
JANUARY, 1978

The black tabs shown on the right-hand side of this page line up with the corresponding tabs in the catalog. Tabs are quickly located by bending the catalog.

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(1) GENERAL. This catalog contains a list of chassis parts for the following machines: 240A PAYtractors and 240A PAYloaders. These machines are equipped with a D179, 3 cylinder, diesel engine. For service parts information covering this engine refer to Parts Catalog EPC-179.

(2) ILLUSTRATIONS. Parts in this catalog are illustrated by the "exploded view" method. Individual parts in each illustration are shown where they belong in relation to one another. Parts illustrated are of typical parts and not necessarily detailed drawings. Reference numbers only are shown in each illustration. These numbers correspond with numbers in the "Reference Number" column in the accompanying list of parts. Parts in illustrations without reference numbers are the same as duplicate parts with reference numbers.

NOTE: When ordering parts, do not include the reference number. Use only the IH part number and description.

(3) METHOD OF LISTING. This catalog is divided into major sections which, in turn, are subdivided into units. Parts are listed in order according to reference number shown in the illustration, followed by a full description based upon the "noun first" method – i.e., the noun name of the part is listed first then the modifying descriptive information which serves to specifically identify the item. For example: SHAFT w/two PLUGS, valve lever. Parts not shown in illustrations appear at end of list in alphabetical sequence by noun name. Parts listed will work on all units covered in this catalog unless a serial number or other qualifying designation is given for purpose of identification.

Throughout this catalog the terms LEFT, RIGHT, FRONT and REAR indicate the sides of the machine when facing forward in the operator's seat.

(4) ASSEMBLIES. Whenever possible the component parts of assemblies are indicated in the illustrations by the use of boxes, brackets or arrows. When this cannot be done, the component parts of an assembly will be shown in the list. To avoid duplicate listings of similar assemblies or attachments, several of them may be combined in one list. In these cases, the assemblies or attachments are shown at the beginning of the parts list and identified with the letters "A", "B", "C", etc. Individual parts in the list will have corresponding letters after their descriptions to identify which assembly or attachment it is used in. Individual parts without identifying letters are used in all of the assemblies or attachments shown at the beginning of the list.

(5) QUANTITIES. The quantity of each individual part follows its description. Where no quantity is shown, it is understood to mean that only (1) is used. In most cases, the quantity indicates the total required per machine. The only exception to this rule is when an assembly is shown at the beginning of the list which consists of all the individual parts in the list following it. In these cases, quantities shown with individual parts are the total required per assembly.

(6) SYMBOLS. Throughout this catalog, symbols are used to designate certain recurring peculiarities. The explanation of these are as follows:

$ – Individual parts of an assembly, kit, package or attachment, which are not available for service. In these cases, the complete assembly, kit package or attachment must be ordered for service.

– Serial number not available.

(x) – As required. (Used when quantities are variable.)

Appropriate notations are made throughout the part listings, when necessary, to explain all other peculiarities.

(7) MISCELLANEOUS PARTS. Standard bolts, screws, nuts, etc. – are not identified by a reference number. These parts are known as COMMON HARDWARE items and appear in abbreviated nomenclature and are shown indented under the major items with which they are used. They should be ordered as listed, since they are not component parts of the pieces they attach. Hardware parts with six digit C1 or R1 part numbers are designed for a specific use and should not be substituted with common hardware parts.

Hardware size will only be shown when more than one size piece is used to attach a part. Only one dimension will be shown to differentiate hardware parts.

(8) SERIAL NUMBERS.

Machine Model	Model Code (Kind)	Variation Code	Country of Origin	Serial Sequence Number
240A PAY TRACTOR w/Synchromesh Transmission	223	0151	B (Great Britain)	100001
240A PAY TRACTOR w/Hydrostatic Transmission (Hand Controls)	223	0152	B (Great Britain)	100001
240A PAY LOADER w/Synchromesh Transmission	223	0153	B (Great Britain)	100001
240A PAY LOADER w/Torque Converter Transmission	223	0154	B (Great Britain)	100001
240A PAY LOADER w/Hydrostatic Transmission (Foot Controls)	223	0155	B (Great Britain)	100001

Usually only sequence numbers without preceding zero's are shown in the parts list. When necessary, Country of Origin and Variation Code may also be shown, in which case the preceding zero's of the sequence number will be included. Example:

Sequence Number – 100001
Country of Origin – B100001
Variation – 0154 B100001

Transmission Serial Number Suffix Codes:

A two or three letter suffix is stamped immediately after the transmission serial number to identify: First the transmission components, second the bevel gear set and third, if applicable, the type of IPTO.

The following suffix letters are used:

Suffix Letter	Description
A	Slow speed gear box
B	Fast speed gear box
C	Slow speed gear box w/slow first
D	STD.U.K. 674 gear box
G	Industrial hydrostatic w/hand lever control
H	Industrial hydrostatic w/foot pedal control
J	Three-speed torque converter w/eight-plate clutch
K	Three-speed torque converter w/six-plate clutch
L	Two-speed torque converter w/eight-plate clutch
R	12/53 bevel gear set
S	14/51 bevel gear set
T	11/52 bevel gear set
W	Compressor drive shaft
X	614 or 642 RPM IPTO
Y	606 RPM IPTO
Z	623 RPM IPTO

Example – Transmission serial number 100001KS

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REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

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THE FOLLOWING ATTACHMENTS ARE AVAILABLE FOR THE MODEL

240A PAY® TRACTORS
AND
240A PAY® LOADERS

DESCRIPTION	SECTION	CODE (COMPANY USE ONLY)
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Single	10	011-1213309
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Double	10	012-1213315
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Brake and Flashing Light Mounting Bracket	13	639-070006
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Canopy	13	609-1213296
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Seat Belt	13	651-071233
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Spark Arrester	12	654-061961
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DESCRIPTION	SECTION	CODE (COMPANY USE ONLY)
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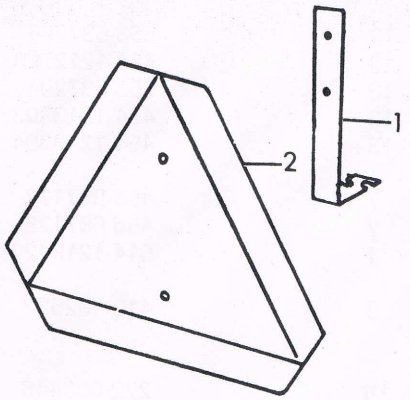
Front and Rear (LoBoy)	15	006-1213021

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

SLOW MOVING VEHICLE EMBLEM



CE-114133

	1 213 422 C91	PACKAGE, slow moving vehicle (Consists of the following parts:)
1	67 683 C1 163 210	BRACKET, emblem mounting SCREW (2)
2	202 013 C1	EMBLEM, slow moving vehicle

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REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

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	$	PRODUCT GRAPHIC, model and serial number plate
	23 738 R1	SCREW, rd hd metallic-drive (2)
	$	PRODUCT GRAPHIC, skidded unit plate
	23 738 R1	SCREW, rd hd metallic-drive (2)
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	68 819 C1	PRODUCT GRAPHIC, caution instructions battery (%)
	70 773 C1	PRODUCT GRAPHIC, seat belt instructions (%)
	65 982 C1	PRODUCT GRAPHIC, caution hands clear (%)
	539 403 R1	PRODUCT GRAPHIC, caution instructions (%)
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	1 212 868 C1	PRODUCT GRAPHIC, range shift (%)
	65 771 C1	PRODUCT GRAPHIC, caution instructions PTO side drive
	70 374 C1	PRODUCT GRAPHIC, caution and loader instructions (%)
	1 213 290 C1	PRODUCT GRAPHIC, 2 post ROPS (%) caution
	64 553 C1	PRODUCT GRAPHIC, caution power drive (%)
	1 213 307 C91	PACKAGE, product graphic service (Consists of:
	1	CANOPY CAUTION INSTRUCTION 1 213 290 C1
	1	CAUTION HANDS CLEAR INSTRUCTION 65 982 C1
	1	CAUTION INSTRUCTION 539 403 R1
	1	CAUTION INSTRUCTION BATTERY 68 819 C1
	1	CAUTION AND LOADER INSTRUCTION 70 374 C1
	1	CAUTION POWER DRIVE 64 553 C1
	1	DRAFT CONTROL GUIDE $
	1	DIESEL FUEL $
	1	DIRECTION INDICATOR $
	1	DROP RESPONSE GUIDE $
	1	FLASHING WARNING LIGHT $
	1	FUEL CONTROL DIESEL $
	1	FUEL FILTER AND WATER SEPARATOR $
	1	GENERAL WARNING 61 907 C1
	1	GOVERNOR $
	2	HOOD STRIPE 1 201 735 C1
	1	IMPROTANT ETHER CONTAINER $
	2	INTERNATIONAL LOADER ARM STRIPE $
	2	MODEL NUMBER LOADER ARM STRIPE $
	1	PARK BRAKE, TRANS. AND HYDRAULIC FLUID AND TOWING INSTRUCTION $
	2	PAY LOADER $
	2	PAY TRACTOR $
	1	PTO AND RAISE RESPONSE GUIDE $
	1	PTO SPEED $
	1	RANGE SHIFT INSTRUCTION 1 212 868 C1
	1	ROPS CAUTION INSTRUCTION 70 571 C1
	1	SEAT BELT AND ROPS CAUTION 70 773 C1
	1	TRANS. CONTROL FWD-REV $
	1	TRANS. CONTROL HYDROSTATIC $
	1	TRANS. CONTROL SYNCHROMESH $
	1	TRANS. CONTROL TORQUE CONVERTER $)

(%) ALSO PART OF PACKAGE, 1 213 307 C91

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REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

ANTI-VANDALISM PACKAGE

1 213 030 C91 PACKAGE, anti-vandalism (Parts listed and illustrated throughout catalog) (Consists of:

1	BAR SUPPORT	1 212 993 C1
3	BOLT	18 404 R1
2	BOLT	178 974
1	BOLT	180 016
1	BOLT	180 073
3	BUMPER	1 212 988 C1
1	ENGINE DIPSTICK LOCK RETAINER	103 632 C1
1	FUEL CAP KEEPER BAR	1 212 992 C1
1	LOCK CLAMP	123 538 C1
1	LOCK CLAMP	703 459 C1
1	LOCK SUPPORT	1 212 994 C1
1	LOCK NUT	938 016 C1
3	NUT	124 818
3	NUT	321 314 R1
1	NUT	475 852 R1
1	PANEL COVER	1 212 986 C1
2	PANEL COVER LOCK BRACKET	1 212 987 C1
1	RADIATOR CAP LOCK BRACKET	1 212 984 C1
1	RADIATOR CAP LOCK STRAP	1 212 983 C1
1	REAR FRAME DIPSTICK LOCK	1 212 989 C1
2	SPACER	1 212 985 C1
1	WASHER	106 263)

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ON THIS UNIT

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REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

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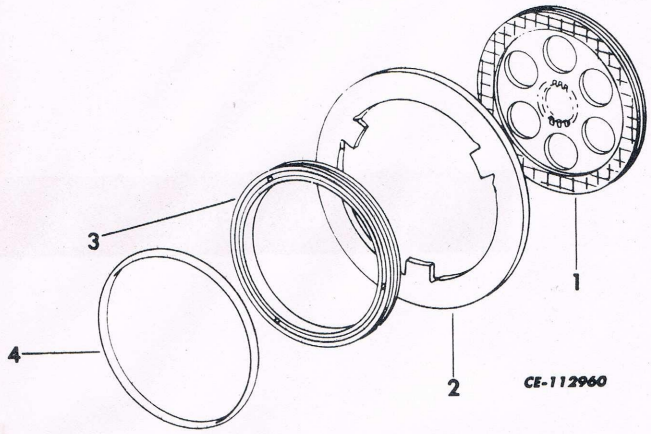
REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

BRAKES

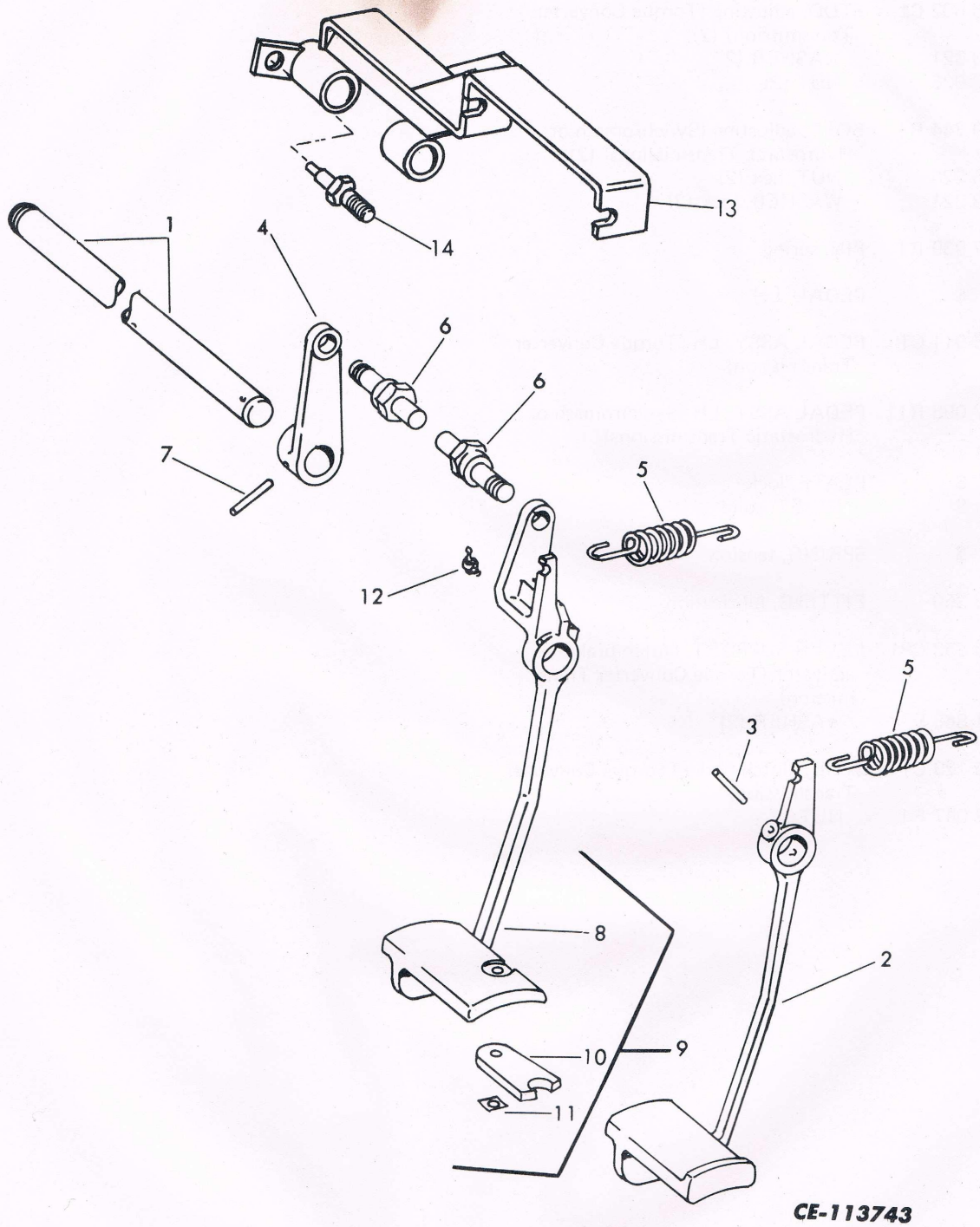


1	114 619 C1	DISC, center (2)
2	399 736 R2	RING, brake (2)
3	114 621 C1	PISTON (2)
4	343 932 R1	O-RING (@) (2)
	539 535 R91	PACKAGE, brake o-ring service (Consists of 2 O-RING 21 742 R1, 2 O-RING 289 506 R1, 2 O-RING 343 932 R1)

(@) Also part of PACKAGE, 539 535 R91.

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

BRAKE PEDALS



1	115 832 C1	SHAFT, support (Torque Converter Transmission)	2	399 741 R3	PEDAL, RH
1	399 740 R1	SHAFT, support (Hydrostatic and Synchromesh transmission)	3	617 940 R1	PIN, coiled spring
			4	529 858 R1	ARM, RH pedal
			5	539 556 R1	SPRING, return (2)

REF. NO.	PART NUMBER	DESCRIPTION
BRAKE PEDALS – Continued		
6	115 802 C1	STUD, adjusting (Torque Converter Transmission) (2)
	103 321	WASHER (2)
	103 026	NUT (2)
6	399 744 R1	BOLT, adjusting (Synchromesh or Hydrostatic Transmissions) (2)
	103 026	NUT, hex (2)
	103 321	WASHER, lock (2)
7	617 939 R1	PIN, spring
8	$	PEDAL, LH
9	115 911 C1	PEDAL ASSY, LH (Torque Converter Transmission)
9	537 095 R11	PEDAL ASSY, LH (Synchromesh or Hydrostatic Transmissions)
10	$	PLATE, lock
	$	RIVET, solid
11	$	SPRING, tension
12	273 360	FITTING, lubrication
13	115 853 C91	LEVER SUPPORT, clutch-brake activator (Torque Converter Transmission)
	21 868 V	WASHER (2)
14	115 129 C1	STUD, clutch-brake (Torque Converter Transmission)
	22 047 R1	NUT

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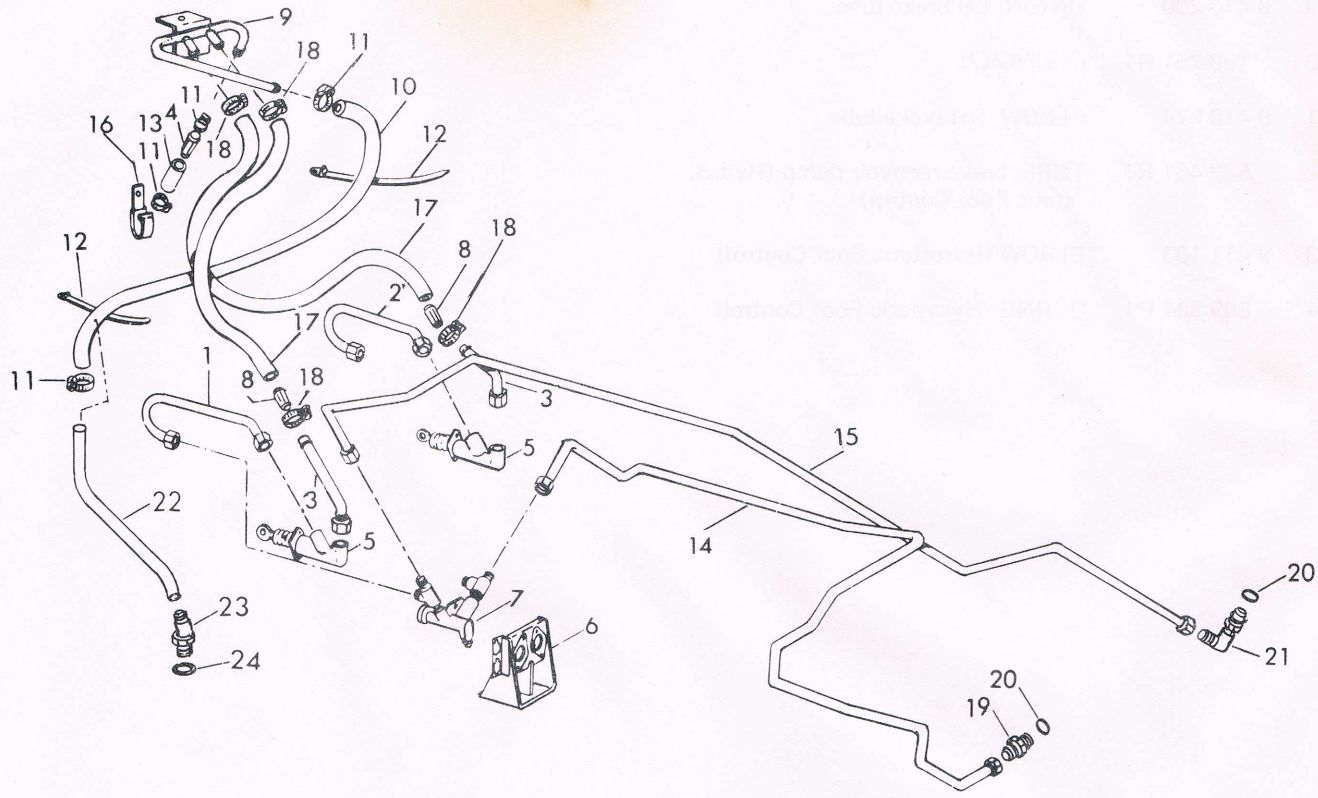
BRAKE TUBING AND CONNECTIONS



CE-113742

REF. NO.	PART NUMBER	DESCRIPTION
1	123 575 C1	TUBE, LH equalizer
2	103 711 C1	TUBE, RH equalizer
3	66 367 C1	TUBE, cylinder supply (2)
4	537 518 R1	ORIFICE AND SCREEN ASSY, brake
5		CYLINDER, master brake (Refer to "Brake Master Cylinder") (2)
	181 338	BOLT (4)
	103 320	WASHER, lock (4)
	103 025	NUT, hex (4)
6	3 116 929 R1	BRACKET, mounting (Torque Converter and Synchromesh)
	179 837	BOLT (3)
	103 321	WASHER, lock (3)
6	3 116 930 R1	BRACKET, mounting (Hydrostatic drive)
	179 850	BOLT (2)
	103 321	WASHER, lock (2)
7	530 374 R92	VALVE, brake equalizer
	179 793	BOLT (2)
	103 319	WASHER, lock (2)
8	537 849 R2	ORIFICE AND SCREEN ASSY, reservoir (2)
9	66 369 C1	TUBE, supply, reservoir
	172 292	SCREW, hex hd tapping
10	66 372 C1	HOSE, brake reservoir dump
11	279 025 R91	CLAMP, hose (4)
12	289 862 C1	STRAP (2)
13	66 368 C2	HOSE, reservoir supply
14	66 093 C1	TUBE, LH brake
15	66 094 C1	TUBE, RH brake
16	527 433 R1	CLIP, hose
17	66 372 C1	HOSE, inlet (2)
18	534 421 R1	CLAMP, hose (Optional with 279 025 R91) (4)
18	279 025 R91	CLAMP, hose (Optional with 534 421 R1) (4)

REF. NO.	PART NUMBER	DESCRIPTION
BRAKE TUBING AND CONNECTIONS – Continued		
19	9 410 200	UNION, LH brake tube
20	369 751 R1	O-RING (2)
21	9 410 974	ELBOW, RH brake tube
22	539 461 R1	TUBE, brake reservoir dump (Hydrostatic Foot Control)
23	9 411 103	ELBOW (Hyrostatic Foot Control)
24	369 384 R1	O-RING (Hyrostatic Foot Control)

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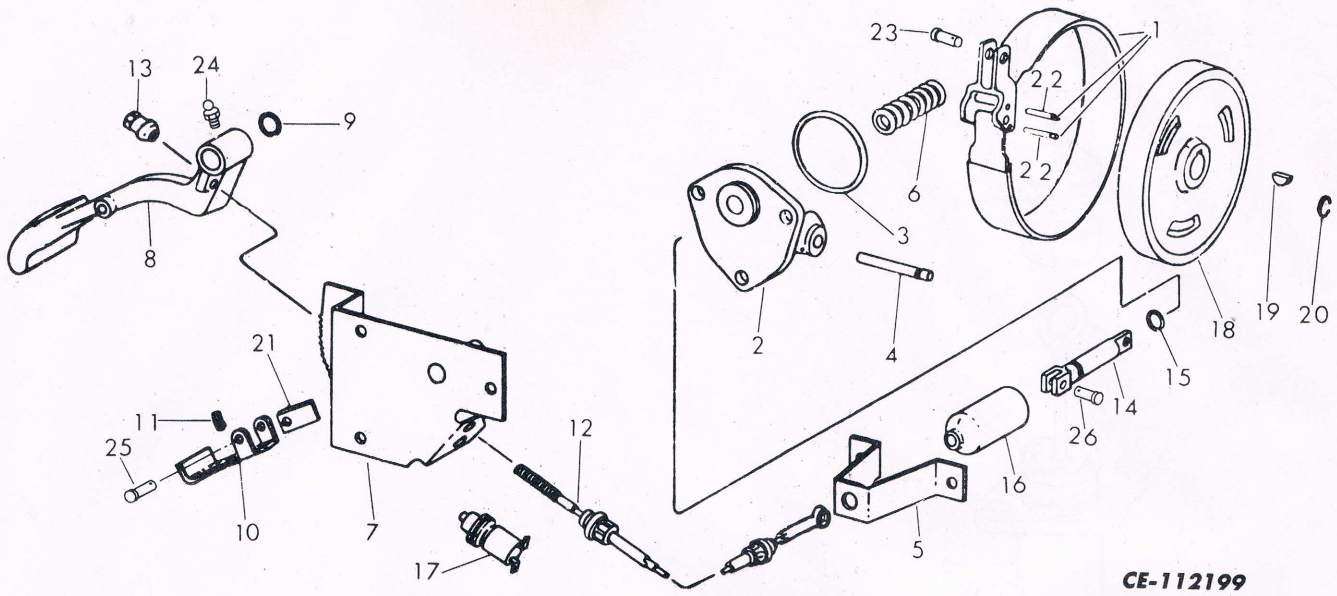
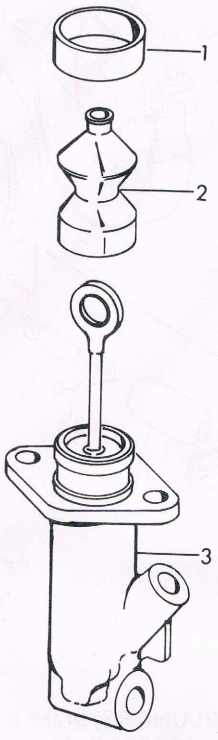
PARKING BRAKE



REF. NO.	PART NUMBER	DESCRIPTION
1	401 992 R3	BAND w/two PINS, 535 544 R1, brake and actuating toggle
	103 373	PIN, cotter
2	401 997 R1	PIVOT, parking brake
	179 840	BOLT, (3)
	103 321	WASHER, lock
3	383 017 R1	O-RING, pivot
4	401 998 R1	PIN, brake pivot
	108 461	PIN, cotter
5	401 999 R1	BRACKET, cable anchor
6	402 000 R1	SPRING, return
7	402 001 R2	BRACKET, brake ratchet
8	402 005 R3	LEVER, hand
9	269 181 R1	RING, retaining
10	404 493 R2	HANDLE, brake pawl
	16 558 R1	WASHER, flat
	103 384	PIN, cotter
11	402 731 R1	SPRING
12	402 012 R1	CABLE, parking brake
13	402 013 R1	NUT, adjustable pivot
	114 493	NUT, hex jam
	148 150	PIN, cotter
14	402 014 R1	PLUNGER, brake pivot
	103 340	WASHER, flat
	103 384	PIN, cotter
15	375 271 R1	O-RING, pivot plunger
16	402 015 R1	BOOT, cable protection
17		SWITCH, park brake warning light (Refer to "Wiring")
18	399 828 R1	DRUM, brake
19	124 553	KEY, Woodruff
20	327 058 R1	RING, retaining (2)
21	534 318 R2	BAR
22	535 544 R1	PIN, anchor (2)
23	16 616 R1	PIN, rod end
24	20 605 R1	FITTING, lube
25	Q 1 329	PIN, standard head
26	702 269 R1	PIN, standard head

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

BRAKE MASTER CYLINDER ASSY.



CE-113589

	527 542 R92	CYLINDER ASSY, master (Consists of the following parts -
1	71 925 C1	HOSE, retainer
2	71 926 C1	INSULATOR, dust
3	$	BODY

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FOR COMPLETE LISTING OF PARTS

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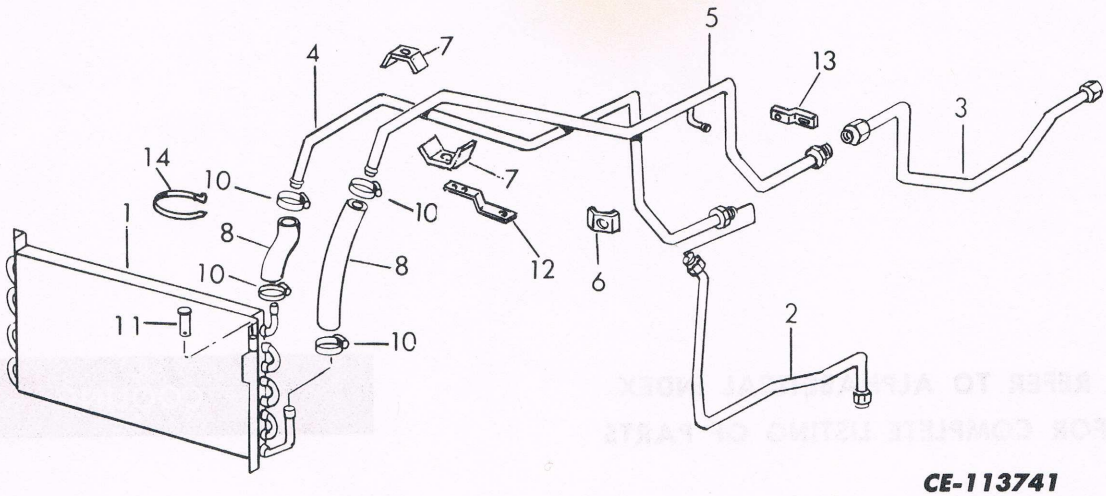
REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

OIL COOLER AND CONNECTIONS
(For PAY ® tractors with Synchromesh Transmission)



CE-113741

1	539 560 R1	COOLER, oil
2	66 095 C1	TUBE, rear return
3	67 265 C1	TUBE, rear return
4	66 097 C1	TUBE, inlet
5	66 099 C1	TUBE, outlet
6	529 644 R11	CLAMP, tube
	179 796	BOLT
	103 319	WASHER, lock
7	381 448 R1	CLAMP, tube (2)
	179 801	BOLT
	103 319	WASHER, lock
	109 084	NUT
8		HOSE, inlet (cut length 12.7 mm (1/2") I.D. x 342.9 mm (13-1/2") long) (Cut from bulk hose, 73199C1)
9		HOSE, outlet (Cut length 12.7 mm (1/2") I.D. x 457.2 mm (18") long) (Cut from bulk hose 73199C1)
10	274 085 R91	CLAMP, hose (Optional w/Clamp 3 066 758 R1) (4)
10	3 066 758 R1	CLAMP, hose (Optional w/Clamp 274 085 R91) (4)
11	Q 663	PIN, standard head (2)
	103 384	PIN, cotter (2)
12	529 646 R1	BRACKET, front manifold support
	102 634	NUT
13	529 642 R1	BRACKET, manifold support
	109 084	NUT
	103 319	WASHER, lock
14	289 862 C1	STRAP
	73 199 C1	HOSE, bulk 12.7 mm (1/2") I.D. x 15.24 m (50 ft.) long (X)

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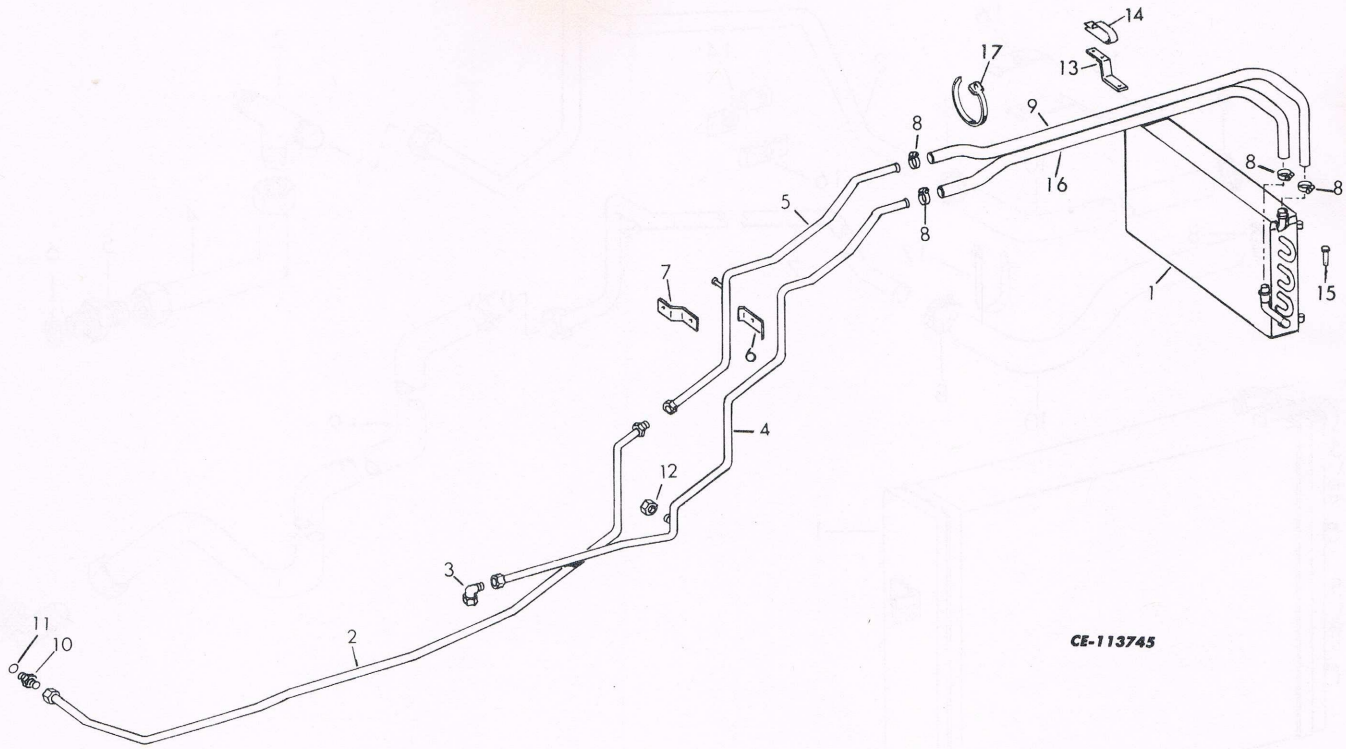
REF. NO.	PART NUMBER	DESCRIPTION

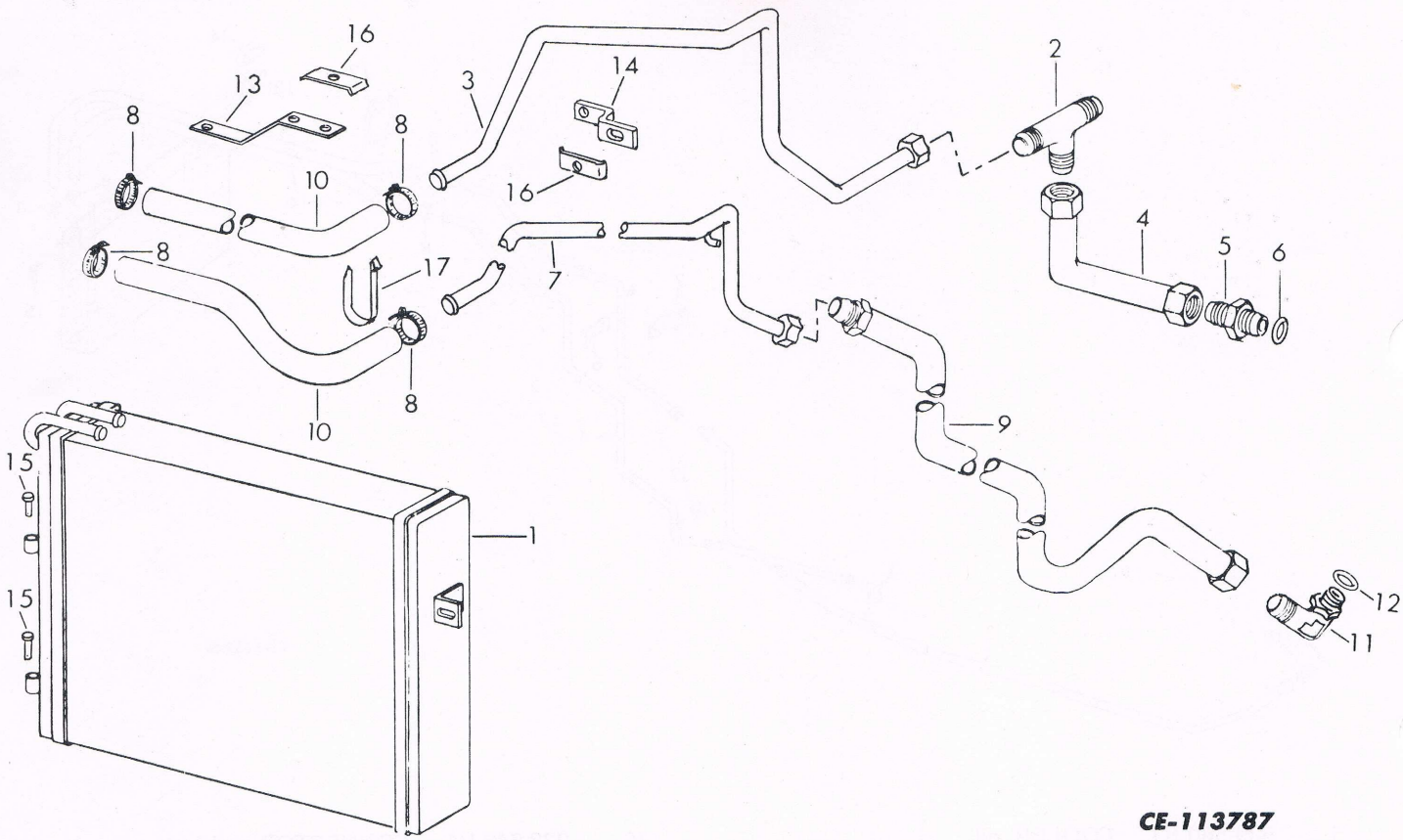
REF. NO.	PART NUMBER	DESCRIPTION

OIL COOLER AND CONNECTIONS
(For PAY® loaders w/Synchromesh Transmission)



1	539 560 R1	COOLER, oil
2	110 568 C1	TUBE, lower return
3	9 410 282	ELBOW 90° swivel
4	113 517 C1	TUBE, cooler inlet
5	110 567 C1	TUBE, upper return
6	529 645 R1	CLAMP, tube (2)
	179 801	BOLT
	109 084	NUT, hex
	103 319	WASHER, lock
7	529 642 R1	BRACKET, manifold support
	109 084	NUT, hex
	103 319	WASHER, lock
8	274 085 R91	CLAMP, hose (Optional with 3 066 758 R1)
8	3 066 758 R1	CLAMP, hose (Optional with 274 085 R91) (4)
9	1 240 487 C1	HOSE, oil cooler (Or cut length 12.7 mm (1/2") I.D. x 1016.0 mm (40") long, from Bulk Hose, 73 199 C1)
10	222 648 H1	CONNECTOR, reducer
11	296 247 R1	O-RING
12	9 403 371	CAP, tube
13	529 646 R1	BRACKET, front manifold support
	102 634	NUT, hex
14	120 849 H	CLAMP
	179 795	BOLT
	109 084	NUT, hex
	103 319	WASHER, lock
15	Q 663	PIN, standard head (2)
	103 384	PIN, cotter (2)
16	1 240 486 C1	HOSE, oil cooler (Or cut length 12.7 mm (1/2") I.D. x 1193.8 mm (47") long from Bulk Hose, 73 199 C1
17	289 862 C1	STRAP
	73 199 C1	HOSE, bulk 12.7 mm (1/2") I.D. x 15.24 m (50 ft.) long (X)

OIL COOLER AND CONNECTIONS
(Hydrostatic Drive)

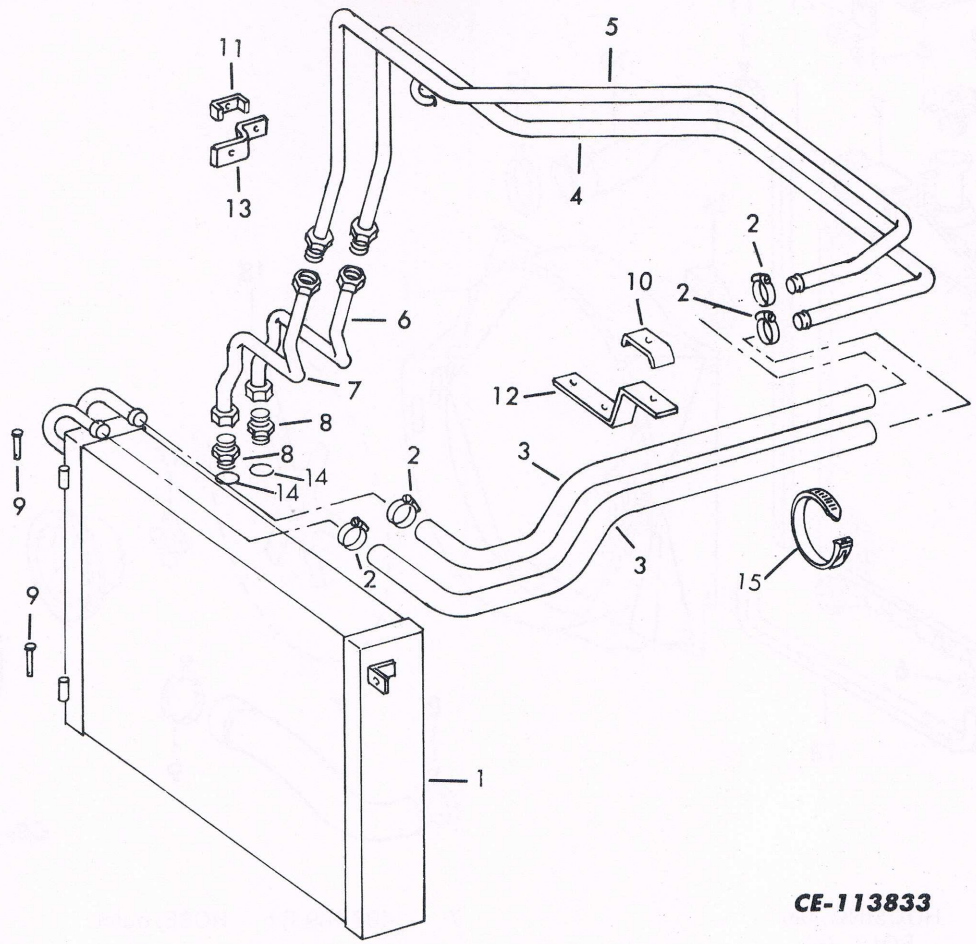


CE-113787

REF. NO.	PART NUMBER	DESCRIPTION
1	406 409 R2	COOLER, oil
2	9 403 139	TEE
3	65 769 C1	TUBE, inlet
4	65 768 C1	TUBE, short inlet
5	9 410 204	UNION
6	364 885 R1	O-RING
7	66 101 C1	TUBE, forward outlet
8	274 085 R91	CLAMP, hose (Optional w/ 3 066 758 R1) (4)
8	3 066 758 R1	CLAMP, hose (Optional w/ 274 085 R91 (4)
9	66 103 C1	TUBE, rear outlet
10	533 983 R1	HOSE (2)
11	9 410 978	ELBOW
12	364 885 R1	O-RING
13	529 646 R1	BRACKET, front support
	102 634	NUT
14	529 642 R1	BRACKET, rear support
	103 319	WASHER
	109 084	NUT
15	Q 663	PIN, std-hd (2)
	103 384	PIN, cotter (2)
16	529 645 R1	CLAMP, tube (2)
	179 801	BOLT (2)
	103 319	WASHER (2)
	109 084	NUT (2)
17	289 862 C1	STRAP

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

OIL COOLER AND CONNECTIONS
(Torque Converter Transmission)

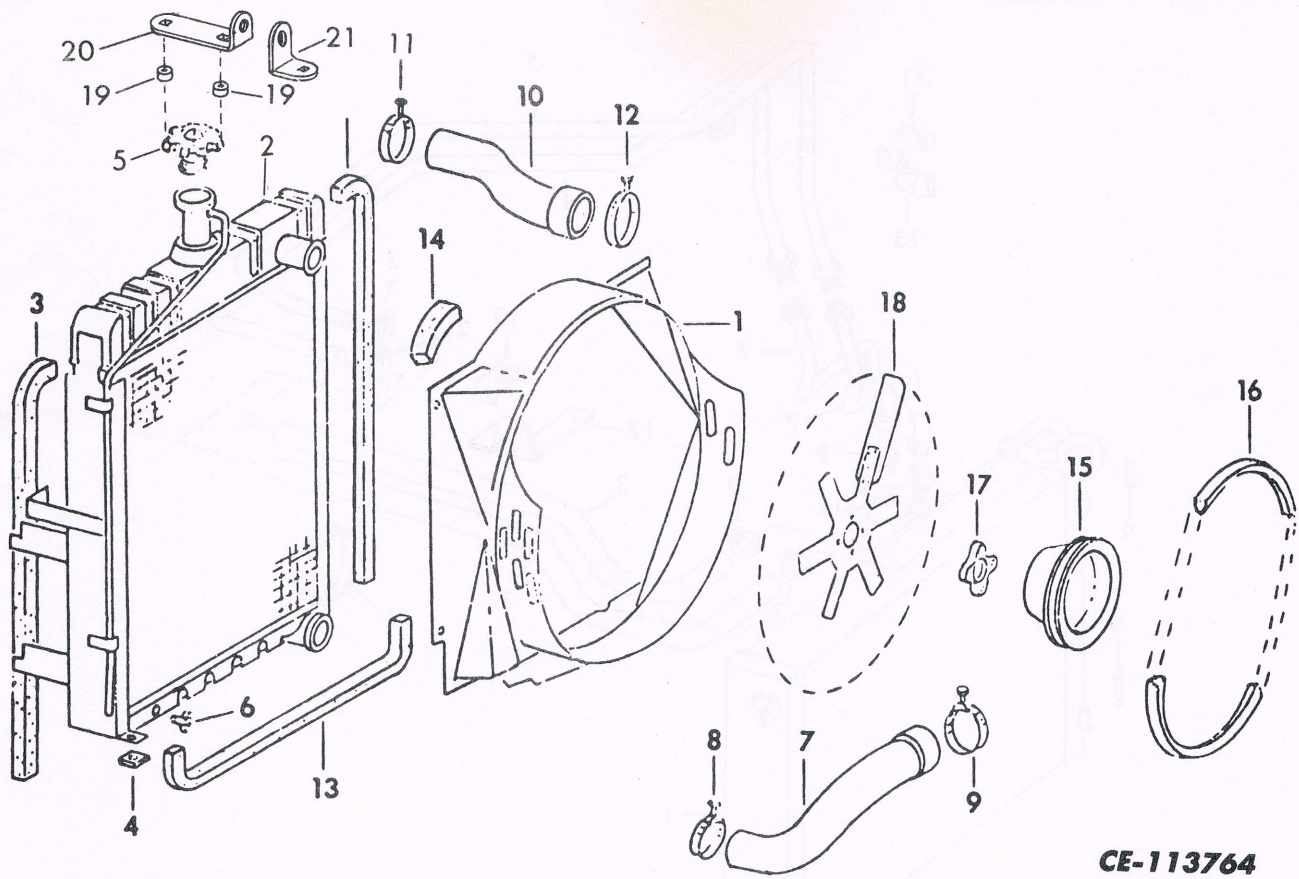


CE-113833

1	406 409 R2	COOLER, oil
2	274 085 R91	CLAMP, hose (Optional with 3 066 758 R1) (4)
2	3 066 758 R1	CLAMP, hose (Optional with 274 085 R91) (4)
3	533 983 R1	HOSE (2)
4	119 143 C1	TUBE, oil cooler inlet
5	119 142 C1	TUBE, oil cooler outlet
6	119 138 C1	TUBE, oil cooler inlet lower
7	119 139 C1	TUBE, oil cooler outlet lower
8	9 410 203	CONNECTOR (2)
9	Q 663	PIN, std-hd (2)
	103 384	PIN, cotter (2)
10	529 644 R11	CLAMP, oil cooler tube
	179 796	SCREW
	103 319	WASHER
11	381 448 R1	CLAMP, oil cooler tube (2)
	179 801	BOLT
	103 319	WASHER, lock
	109 084	NUT
	446 179	WASHER, flat
12	529 646 R1	BRACKET, front support
	102 634	NUT
13	529 642 R1	BRACKET, support
	109 084	NUT
	103 319	WASHER
14	570 828 R1	O-RING (2)
15	289 862 C1	STRAP

REF. NO.	PART NUMBER	DESCRIPTION

RADIATOR AND CONNECTIONS



REF. NO.	PART NUMBER	DESCRIPTION
1	527 474 R2	HOUSING, fan
	179 791	BOLT, (4)
	103 339	WASHER, flat (4)
2	3 113 084 R3	RADIATOR (with Synchromesh Transmission)
2	3 113 085 R3	RADIATOR (with Hydrostatic Transmission or Torque Converter Transmission)
	179 860	SCREW (4)
	103 322	WASHER (4)
	271 500	NUT (4)
	22 039 R1	NUT, nometallic insert
	or	
	1 213 420 C1	NUT, nonmetallic insert
3	394 788 R1	GASKET, baffle (2)
4	47 240 D	PAD, radiator (4)
	23 042 R1	WASHER, flat (X)
5	532 029 R1	CAP, radiator
6	3 113 083 R1	COCK, drain
7	402 189 R1	HOSE, oulet
8	39 149 H	CLAMP, hose (Optional with 705 935 R91)
8	705 935 R91	CLAMP, hose (Optional with 39 149 H)
9	39 205 H	CLAMP, hose (Optional with 706 082 R91)
9	706 082 R91	CLAMP, hose (Optional with 39 205 H)
10	402 191 R1	HOSE, inlet
11	39 149 H	CLAMP, hose (Optional with 705 935 R91)
11	705 935 R91	CLAMP, hose (Optional with 39 149 H)
12	39 205 H	CLAMP, hose (Optional with 706 082 R91)
12	706 082 R91	CLAMP, hose (Optional with 30 205 H)

REF. NO.	PART NUMBER	DESCRIPTION

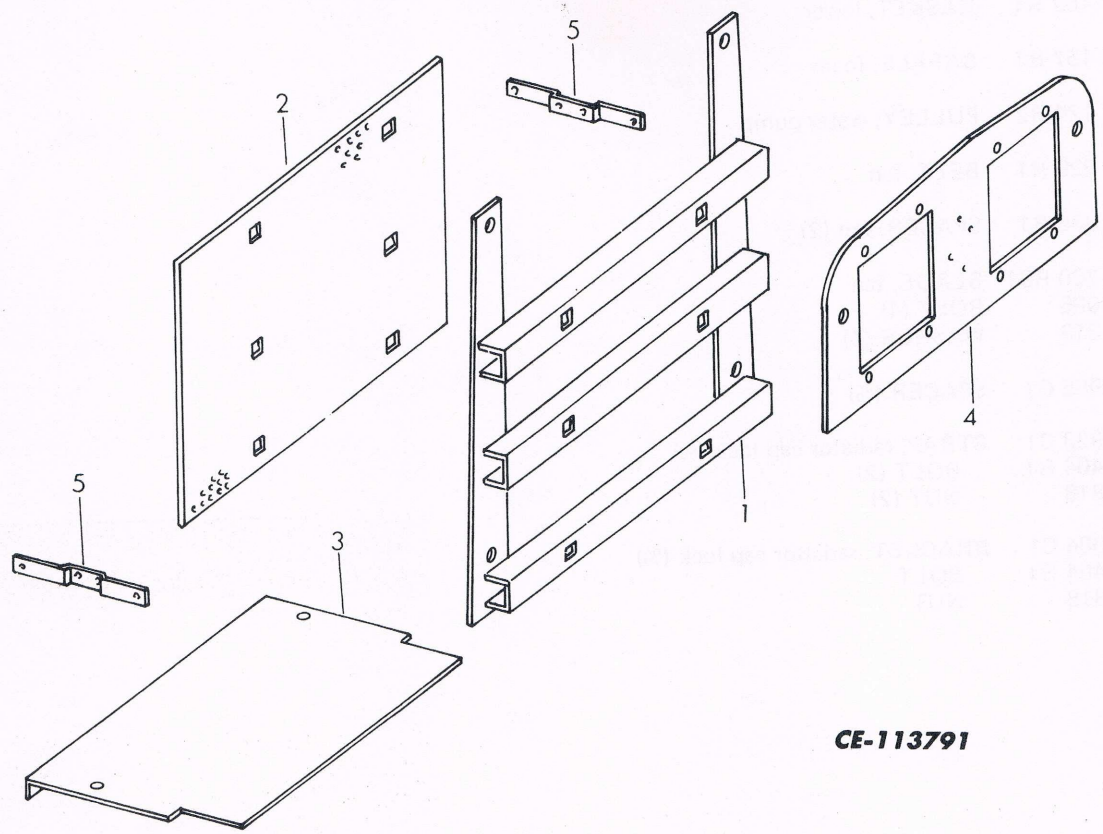
RADIATOR AND CONNECTIONS – Continued

13	537 162 R1	GASKET, lower
14	538 157 R1	BAFFLE, foam
15	401 124 R2	PULLEY, water pump
16	3 113 329 R1	BELT, fan
17	403 335 R1	SPACER, fan (2)
18	370 700 R91	BLADE, fan
	433 065	BOLT (4)
	103 319	WASHER (4)
19	1 212 985 C1	SPACER (%)
20	1 212 983 C1	STRAP, radiator cap lock (%)
	18 404 R1	BOLT (2)
	124 818	NUT (2)
21	1 212 984 C1	BRACKET, radiator cap lock (%)
	18 404 R1	BOLT
	124 818	NUT

(%) Part of ANTI-VANDALISM Package, 1 213 030 C91

REF. NO.	PART NUMBER	DESCRIPTION

RADIATOR GRILLE



CE-113791

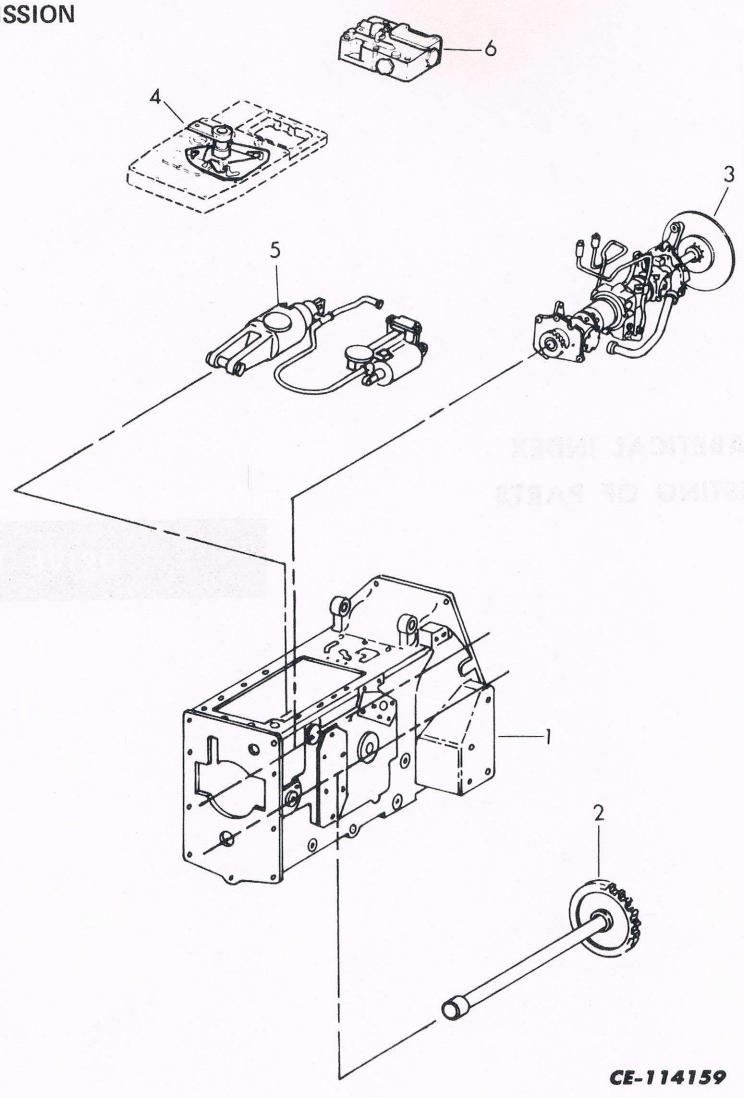
REF. NO.	PART NUMBER	DESCRIPTION
1	69 335 C1	GRILLE, radiator
	120 382	WASHER (4)
	18 495 R1	SCREW (4)
2	69 575 C1	SCREEN, grille
	18 629 R1	SCREW (6)
	282 328 R1	WASHER, flat (6)
	120 380	WASHER, lock (6)
	120 375	NUT (6)
3	69 574 R1	RAFFLE, radiator
4	69 312 C1	COVER, headlamp
5	402 199 R1	SUPPORT, radiator and grille housing (2)
	179 789	SCREW (4)
	103 319	WASHER (4)

REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

Printed in United States of America.

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

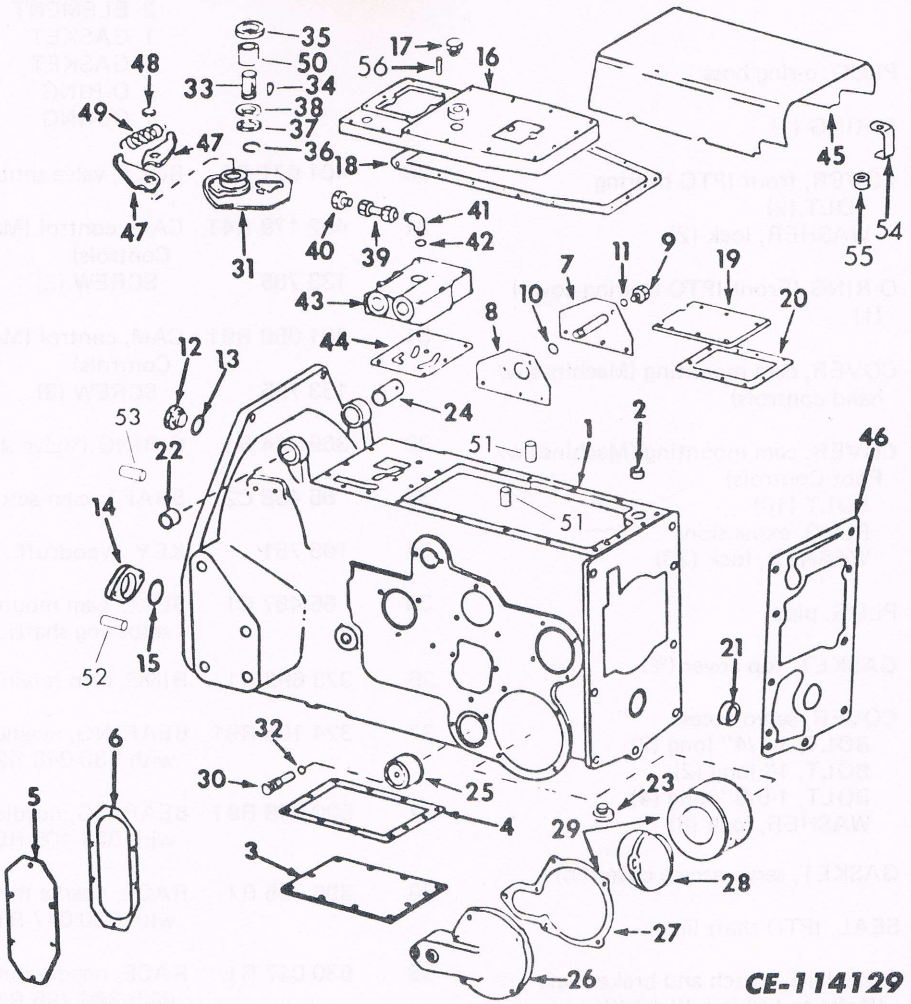
HYDROSTATIC TRANSMISSION



1	HOUSING, hydrostatic (Refer to Drive Housing, Control Cam, Multi-Valve and Connections under HYDRO-STATIC TRANSMISSION heading)	5	CYLINDER, servo (Refer to SERVO CYLINDERS and Connections under HYDROSTATIC TRANSMISSION heading)
2	PTO SHAFT (Refer to Drive Gear and PTO Shaft under HYDROSTATIC TRANSMISSION heading)	6	MULTI-VALVE (Refer to Drive Housing, Control Cam, Multi-Valve and Connections under HYDRO-STATIC TRANSMISSION heading)
3	SHAFT, hydrostatic drive (Refer to Drive Shafts, Motor Assemblies, Center Section Valve and Related Parts under HYDROSTATIC TRANSMISSION heading)		
4	COVER, cam mounting (Refer to Drive Housing Control Cam, Multi-Valve and Connections under HYDROSTATIC TRANSMISSION heading)		

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Drive Housing, Control Cam, Multi-Valve and Connections)



CE-114129

REF. NO.	PART NUMBER	DESCRIPTION
1	$	HOUSING
	340 340 R1	BOLT, 1-1/2" long (To rear frame) (9)
	179 887	BOLT, 1-3/4" long (4)
	179 895	BOLT, 3-1/2" long (2)
	179 894	BOLT, 3-1/4" long (2)
	179 896	BOLT, 3-3/4" long (2)
	186 295	BOLT, 5-1/2" long (2)
	102 637	NUT, 1/2" hex (2)
	103 323	WASHER, lock (2)
2	400 947 R1	PIPE, overflow
3	402 182 R1	COVER, bottom
	179 837	BOLT (11)
4	402 556 R2	GASKET, bottom cover (%)
5	400 950 R1	COVER, relief valve access (Machines w/Hand Controls) (2)
5	405 079 R1	COVER, relief valve access (Machines w/Foot Controls)
	179 816	BOLT (12)
	103 320	WASHER, lock (12)
	382 331 R1	WASHER, sealing (2)
6	400 951 R1	GASKET, access cover (%) (2)
7	405 195 R1	COVER, pressure check
	179 815	BOLT (4)
	382 331 R1	WASHER, sealing
8	405 193 R1	GASKET, access cover (%)
9	405 192 R1	PLUG, pressure check
10	384 937 R1	O-RING (Pressure check bushing) (†)
11	369 751 R1	O-RING (Pressure check plug (†)

(%) Also part of PACKAGE, 530 352 R92.
(†) Also part of PACKAGE, 530 372 R91.

REF. NO.	PART NUMBER	DESCRIPTION
		HYDROSTATIC TRANSMISSION (Drive Housing, Control Cam, Multi-Valve and Connections — Continued)
12	9 410 361	PLUG, o-ring boss
13	368 269 R1	O-RING (†)
14	400 954 R1	COVER, front IPTO bearing
	179 840	BOLT,(2)
	103 321	WASHER, lock (2)
15	21 480 R1	O-RING (Front IPTO bearing cover) (†)
16	66 544 C91	COVER, cam mounting (Machines w/ hand controls)
16	66 545 C91	COVER, cam mounting (Machines w/ Foot Controls)
	179 846	BOLT (10)
	172 531	PLUG, expansion
	103 321	WASHER, lock (10)
17	9 409 947	PLUG, pipe
18	401 019 R3	GASKET, top cover (%)
19	400 956 R1	COVER, servo access
	179 841	BOLT, 1-1/4" long (2)
	179 839	BOLT, 1" long (2)
	179 844	BOLT, 1-5/8" long (4)
	103 321	WASHER, lock (8)
20	400 957 R1	GASKET, servo access cover (%)
21	252 050 C91	SEAL, IPTO shaft lip
22		BUSHING, clutch and brake shaft (Refer to "Clutch Pedals")
23	3 113 103 R1	PLUG, pipe
24	537 099 R1	BUSHING, LH brake pedal shaft (Optional with 539 834 R1)
24	539 834 R1	BUSHING, LH brake pedal shaft (Optional with 537 099 R1)
25	401 072 R1	VALVE, filter shut-off
26	401 069 R1	COVER, filter
	179 844	BOLT, 1-1/2" long (3)
	179 848	BOLT, 2" long (3)
	103 321	WASHER, lock (6)
27	401 070 R1	GASKET, filter cover (@)
28	386 121 R92	VALVE, filter by-pass
29	65 126 C92	PACKAGE, filter element service (Consists of - 2 ELEMENT $ 1 GASKET 401 070 R1 1 GASKET 405 462 R1 1 O-RING 355 966 R1 1 O-RING 375 271 R1)
30	401 071 R1	BOLT, valve shut-off
31	402 179 R41	CAM, control (Machines w/Foot Controls)
	133 765	SCREW (3)
31	401 050 R91	CAM, control (Machines w/Hand Controls)
	133 765	SCREW (3)
32	369 384 R1	O-RING (Valve shut-off bolt)
33	65 458 C2	SHAFT, cam actuating
34	106 751	KEY, Woodruff
35	65 457 C1	SEAL, cam mounting cover (Cam actuating shaft)
36	373 692 R1	RING, cam retaining
37	324 105 R91	BEARING, needle thrust (Optional with 530 048 R91)
37	530 048 R91	BEARING, needle thrust (Optional with 324 105 R91)
38	396 795 R1	RACE, needle thrust bearing (Optional with 530 047 R1) (2)
38	530 047 R1	RACE, needle thrust bearing (Optional with 396 795 R1) (2)
39	533 561 R1	TUBE, pressure check
40	9 403 330	PLUG
41	9 410 974	ELBOW
42	369 751 R1	O-RING
43		BODY, multi-valve (Refer to Multi-Valve under HYDROSTATIC TRANSMISSION heading)
	179 848	BOLT (5)
44	401 056 R1	GASKET, multiple valve body (#)
45	66 290 C1	COVER, housing
	445 957	SCREW, pan-hd mach (4)

(%) Also part of PACKAGE 530 352 R92
(†) Also part of PACKAGE 530 372 R91
(@) Also part of PACKAGE 65 126 C92

REF. NO.	PART NUMBER	DESCRIPTION
		HYDROSTATIC TRANSMISSION (Drive Housing, Control Cam Multi-Valve and Connections) - Continued
46	399 814 R4	GASKET, housing to rear frame (%)
47	402 180 R1	PLATE, cam centering (Machines w/foot controls) (2)
48	567 879 R1	RING, retaining (Machines w/foot controls)
49	402 181 R1	SPRING, centering heavy (Machines w/foot controls)
50	66 534 C91	BEARING, needle (Optional with 67 123 C91)
50	67 123 C91	BEARING, needle (Optional with 66 534 C91 (2)
51	19 904 R1	PIN, dowel (2)
52	19 962 R1	PIN, dowel
53	20 556 R1	PIN, dowel
54	70 439 C1	BAR, support
	179 846	BOLT
55	401 941 R1	SPACER, mounting (short)
56	19 892 R1	PIN, dowel
	537 098 R94	HOUSING ASSY, hydrostatic drive (Consists of –
		1 BUSHING 537 099 R1
		1 BUSHING 539 245 R1
		1 HOUSING $
		2 PIN 19 904 R1
		1 PIN 19 962 R1
		1 PIN 20 556 R1)
	530 352 R92	PACKAGE, hydrostatic transmission gasket service (Consists of –
		2 GASKET 400 951 R1
		1 GASKET 405 193 R1
		1 GASKET 405 556 R2
		1 GASKET 401 028 R1
		1 GASKET 399 814 R4
		1 GASKET 401 056 R1
		1 GASKET 400 957 R1
		1 GASKET 401 033 R1
		1 GASKET 401 019 R3)

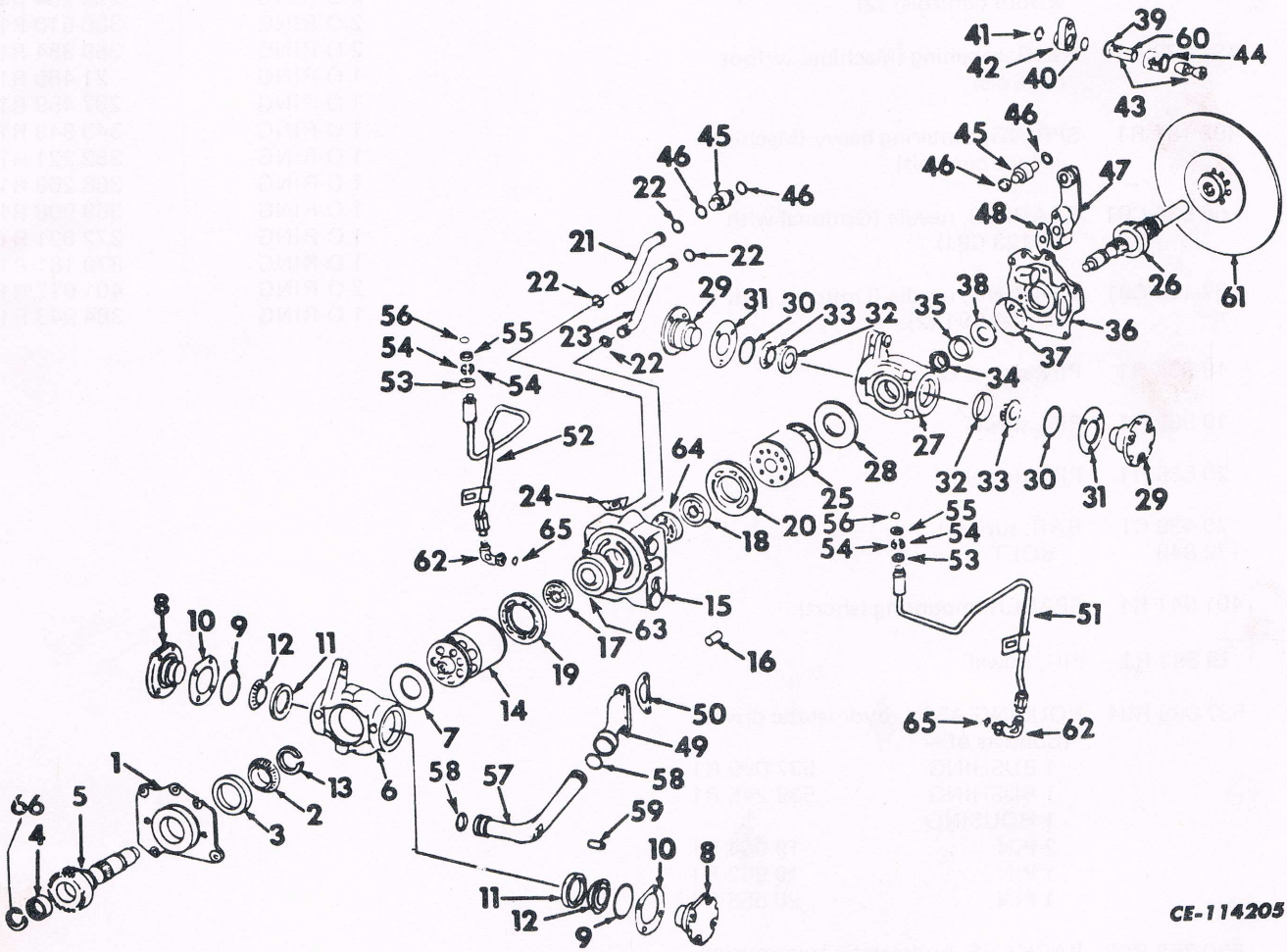
REF. NO.	PART NUMBER	DESCRIPTION
	530 372 R91	PACKAGE, hydrostatic transmission O-ring service (Consists of –
		6 O-RING 384 943 R1
		4 O-RING 369 751 R1
		3 O-RING 384 937 R1
		2 O-RING 384 377 R1
		2 O-RING 295 204 R1
		2 O-RING 360 610 R1
		2 O-RING 369 384 R1
		1 O-RING 21 480 R1
		1 O-RING 297 459 R1
		1 O-RING 343 943 R1
		1 O-RING 352 221 R1
		1 O-RING 368 269 R1
		1 O-RING 369 908 R1
		1 O-RING 372 821 R1
		1 O-RING 379 181 R1
		2 O-RING 401 017 R1
		1 O-RING 384 943 R1)

(%)—Also part of PACKAGE, 530 352 R92

REF. NO.	PART NUMBER	DESCRIPTION

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Drive Shafts, Motor Assemblies Center Section Valve and Related Parts)



1	400 958 R1	HOUSING, rear brg
	179 839	BOLT (5)
2	400 960 R91	BEARING, output shaft rear cone
3 PO	14 039	BEARING, output shaft cup
4	613 639 C91	BEARING, mainshaft needle
5	127 893 C1	SHAFT, output
6	400 963 R1	HOUSING, motor swash plate
7	400 965 R3	PLATE, thrust
8	400 966 R1	TRUNNION, motor (2)
	297 330 R1	SCREW (8)
9	295 204 R1	O-RING (2)

REF. NO.	PART NUMBER	DESCRIPTION
		HYDROSTATIC TRANSMISSION – Continued (Drive Shafts, Motor Assemblies Center Section Valve and Related Parts)
10	400 967 R91	PACKAGE, motor trunnion shim service (Consists of - 1 SHIM .005 $ 2 SHIM .007 $ 1 SHIM .020 $)
11	62 923 R91	BEARING, motor trunnion cone (2)
12	130 503 H	BEARING, motor trunnion cup (2)
13	400 971 R1	RING, bearing retaining (.136)
13	400 972 R1	RING, bearing retaining (.141)
13	400 973 R1	RING, bearing retaining (.146)
13	400 974 R1	RING, bearing retaining (.151)
13	400 975 R1	RING, bearing retaining (.156)
13	400 976 R1	RING, bearing retaining (.163)
13	400 977 R1	RING, bearing retaining (.166)
13	400 978 R1	RING, bearing retaining (.171)
13	400 979 R1	RING, bearing retaining (.176)
13	400 980 R1	RING, bearing retaining (.181)
13	400 981 R1	RING, bearing retaining (.186)
14		KIT, motor cylinder block (Refer to Motor Cylinder Block under HYDROSTATIC TRANSMISSION heading)
15		VALVE ASSY, center section (Refer to Center Section Valve under HYDROSTATIC TRANSMISSION heading)
	400 986 R1	BOLT (2)
16	394 825 R1	PIN, center section dowel (2)
17	400 983 R91	BEARING, output shaft front cone
18	400 990 R91	BEARING, input shaft rear cone
19	530 773 R1	PLATE, motor valve
20	530 766 R1	PLATE, pump valve RH
21	400 994 R1	TUBE, center section charge
22	384 943 R1	O-RING (4)
23	400 998 R1	TUBE, center section exhaust
24	401 000 R1	STRIP, center section pipe retainer
	179 814	BOLT
	103 320	WASHER, lock
25		BLOCK, pump cylinder (Refer to Pump Cylinder Block under HYDROSTATIC TRANSMISSION heading)
26	401 009 R1	SHAFT, input
27	401 011 R1	HOUSING, pump swash plate
28	596 335 R3	PLATE, thrust
29	401 012 R1	TRUNNION, pump (2)
	179 837	BOLT (6)
30	384 377 R1	O-RING (2)
31	401 018 R91	PACKAGE, pump trunnion shim service (Consists of - 1 SHIM .005 $ 2 SHIM .007 $ 1 SHIM .020 $)
32	50 212 VA	BEARING, pump trunnion cone (2)
33	527 486 R1	BEARING, pump trunnion cup (2)
34	459 454 R91	BEARING, input shaft front cone
35	567 849 R1	BEARING, input shaft front cup
36		PUMP, transmission charge (Refer to Transmission Charge Pump under HYDROSTATIC TRANSMISSION heading)
	297 330 R1	SCREW (5)
37	343 943 R1	O-RING
38	401 021 R91	PACKAGE, input shaft front bearing shim (Consists of - 1 SHIM .005 $ 2 SHIM .007 $ 1 SHIM .020 $)
39	297 459 R1	O-RING
40	379 181 R1	O-RING
41	388 591 R1	RING, valve housing sealing
42	405 194 R1	HOUSING, servo regulator valve
43	529 486 R91	VALVE AND STRAINER ASSY, PRESSURE REGULATOR
44	396 100 R1	SCREEN, regulator valve strainer

REF. NO.	PART NUMBER	DESCRIPTION
		HYDROSTATIC TRANSMISSION (Drive Shafts, Motor Assemblies Center Section Valve and Related Parts) — Continued
45	401 026 R1	TUBE, charge jumper
46	384 943 R1	O-RING, charge jumper tube (2)
47	401 027 R1	MANIFOLD, charge pump
48	401 028 R1	GASKET, charge pump manifold
	186 284	BOLT (2)
	565 832 R1	WASHER (4)
	179 851	BOLT (2)
49	401 032 R1	ELBOW, suction pipe
50	401 033 R1	GASKET, suction pipe elbow
51	401 005 R1	TUBE, reserve pressure
	179 814	BOLT
	103 340	WASHER, flat
52	401 001 R1	TUBE, forward pressure
	179 814	BOLT
	103 340	WASHER, flat
53	402 864 R1	RETAINER, tube lock (2)
54	402 865 R1	LOCK, tube (4)
55	401 017 R1	RING, back-up (2)
56	384 937 R1	O-RING (2)
57	401 074 R1	TUBE, suction
	277 677 R1	BOLT
	103 341	WASHER
58	360 610 R1	O-RING (2)
59	401 077 R1	BUSHING, suction pipe support
60	529 487 R1	STRAINER, regulator valve
61	404 078 R91	PLATE, drive
	324 711 R1	BOLT(6)
	103 320	WASHER (6)
62	9 410 974	ELBOW (2)
63	530 741 R1	BEARING, output shaft front cup
64	537 188 R1	BEARING, input shaft rear cup
65	369 751 R1	O-RING (2)
66	66 014 C1	RING, mainshaft brg int snap

REF. NO.	PART NUMBER	DESCRIPTION

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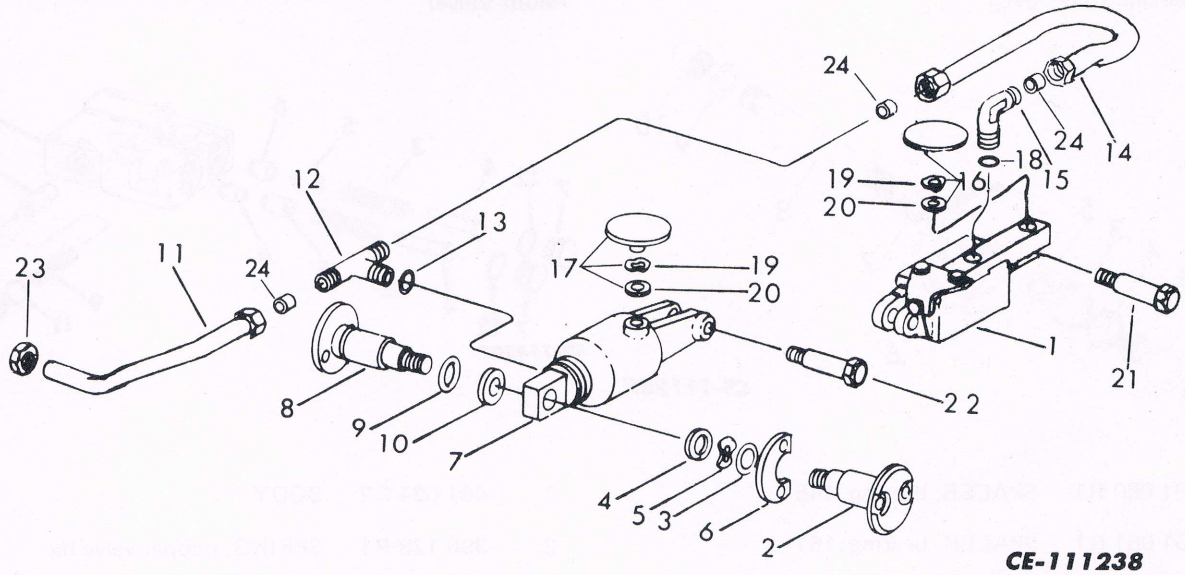
HYDROSTATIC TRANSMISSION
(Servo Cylinders and Connections)

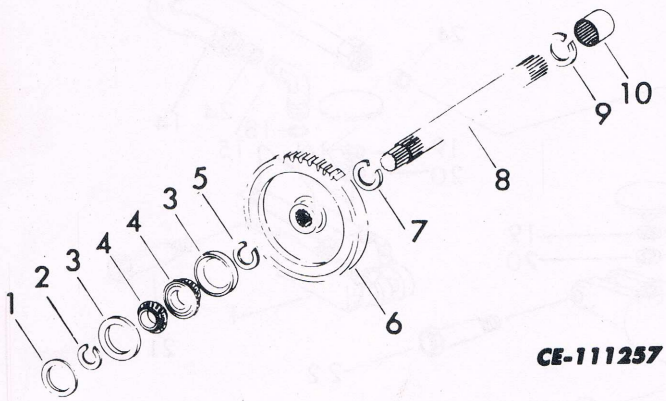


REF. NO.	PART NUMBER	DESCRIPTION
1		CYLINDER ASSY, pump servo (Refer to Pump Servo Cylinder under HYDROSTATIC TRANSMISSION heading)
2	401 035 R1	TRUNNION, pump servo
	179 837	BOLT (2)
	103 028	NUT
3	369 908 R1	O-RING
4	401 041 R1	WASHER, pump servo trunnion
	103 028	NUT
5	401 040 R1	WASHER, spring
6	401 036 R91	PACKAGE, pump servo trunnion shim (Consists of - 1 SHIM .005 $ 1 SHIM .007 $ 2 SHIM .020 $)
7		CYLINDER ASSY, motor servo (Refer to Motor Servo Cylinder under HYDROSTATIC TRANSMISSION heading)
8	401 043 R1	TRUNNION, motor servo
	179 837	BOLT (2)
	103 030	NUT
9	372 821 R1	O-RING
10	401 044 R1	WASHER, motor servo trunnion
	103 030	NUT
11	401 045 R11	TUBE w/SLEEVE, 134 630 H1, motor servo supply
12	401 046 R1	TEE, tube
13	369 384 R1	O-RING (@)
14	401 047 R11	TUBE w/two SLEEVE, 134 630 H1 pump servo
15	401 048 R1	ELBOW, tube
16	530 027 R92	ORIFICE, pump cylinder control with ring
17	530 027 R92	ORIFICE, motor cylinder control with ring
18	369 751 R1	O-RING (%)
19	403 989 R1	WASHER, spring (2)
20	396 109 R1	RING (%) (@) (2)
21	396 119 R1	BOLT, shoulder
22	396 119 R1	BOLT, shoulder
23	29 899 D	NUT
24	134 630 H1	SLEEVE (%) (@) (3)

(%) Also part of PACKAGE, 401 088 R91
(@) Also part of PACKAGE, 401 093 R91

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Drive Gear and PTO Shaft)

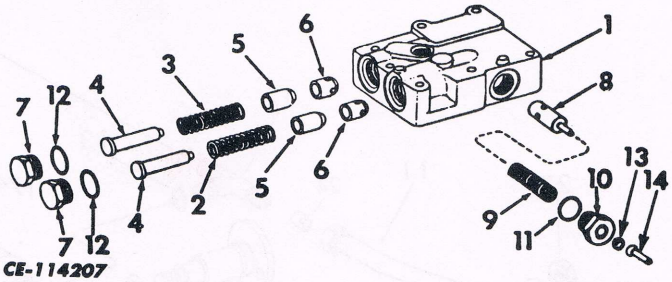


CE-111257

REF. NO.	PART NUMBER	DESCRIPTION
1	401 060 R1	SPACER, bearing .146
1	401 061 R1	SPACER, bearing .151
1	401 062 R1	SPACER, bearing .156
1	401 063 R1	SPACER, bearing .161
1	401 064 R1	SPACER, bearing .166
1	401 065 R1	SPACER, bearing .171
1	401 066 R1	SPACER, bearing .176
1	401 067 R1	SPACER, bearing .181
1	401 068 R1	SPACER, bearing .186
2	631 350 R1	RING, retaining shaft
3	572 564 R1	BEARING, cup (2)
4	463 911 R91	BEARING, cone (2)
5	463 910 R1	RING, retaining housing
6	404 223 R1	GEAR (48T)
7	399 837 R1	RING, retaining
8	536 749 R1	SHAFT, PTO driven
9	533 266 R1	RING, retaining
10	533 325 R91	BEARING, needle

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Multi-Valve)

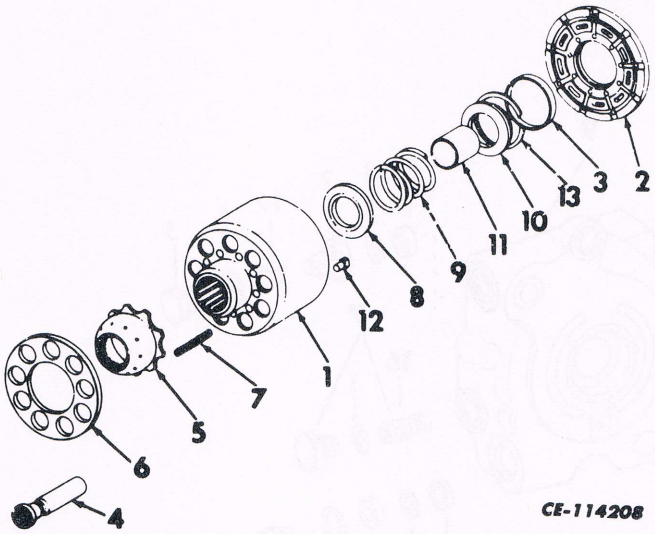


CE-114207

REF. NO.	PART NUMBER	DESCRIPTION
1	401 094 R2	BODY
2	396 128 R1	SPRING, poppet valve hv
3	396 129 R1	SPRING, poppet valve lt
4	396 130 R2	PIN, poppet valve piston (2)
5	396 131 R3	VALVE, poppet (2)
6	396 132 R1	BUSHING, poppet valve (2)
7	396 133 R1	PLUG, valve retaining (2)
8	529 318 R1	VALVE, cooler by-pass
9	529 319 R1	SPRING, cooler by-pass
10	535 151 R1	PLUG, cooler by-pass valve
11	368 269 R1	O-RING
12	297 459 R1	O-RING
13	535 152 R91	SEAL, oil
14	535 153 R1	PIN, pressure check

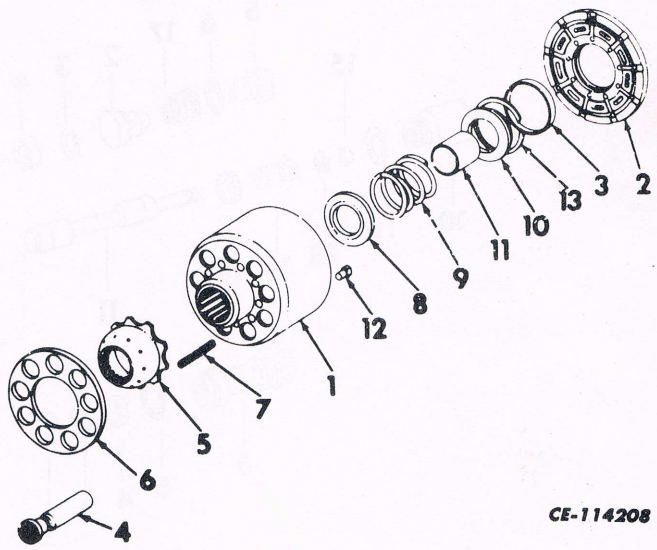
REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Motor Cylinder Block)



REF. NO.	PART NUMBER	DESCRIPTION
1	67 821 C1	BLOCK, cylinder
2	405 141 R1	PLATE, bearing
3	405 140 R1	PILOT, bearing plate
4	71 605 C1	PISTON (9)
5	405 132 R1	GUIDE, slipper retainer
6	405 133 R1	RETAINER, slipper
7	67 822 C1	SPRING, retainer (6)
8	405 136 R1	SEAT, spring
9	532 303 R2	SPRING, cylinder block
10	405 139 R1	RETAINER, spring
11	405 137 R1	GUIDE, spring
12	527 636 R1	PIN, piston cylinder
13	558 383 R1	RING, internal retaining

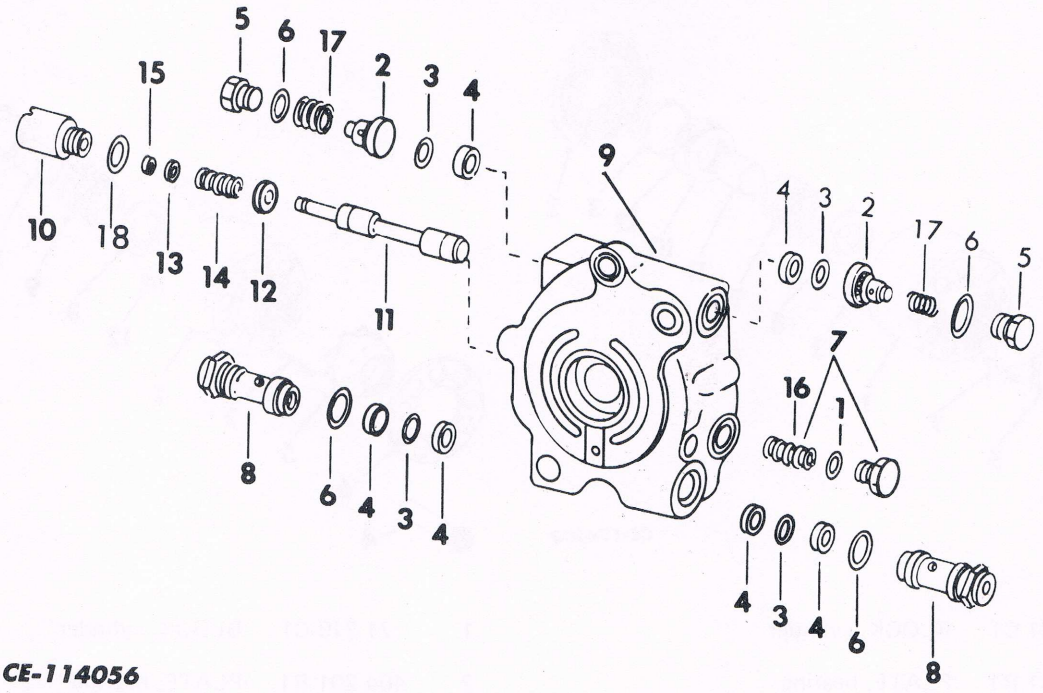
HYDROSTATIC TRANSMISSION
(Pump Cylinder Block)



REF. NO.	PART NUMBER	DESCRIPTION
1	71 219 C1	BLOCK, cylinder
2	404 201 R1	PLATE, bearing
3	394 162 R1	PILOT, bearing plate
4	539 256 R1	PISTON (9)
5	394 154 R1	GUIDE, slipper retainer
6	394 155 R1	RETAINER, slipper
7	71 220 C1	SPRING, retainer (6)
8	394 158 R1	SEAT, spring
9	532 302 R2	SPRING, cylinder block
10	394 161 R1	RETAINER, spring
11	394 159 R1	GUIDE, spring
12	394 164 R1	PIN, piston cylinder
13	21 015 R1	RING, internal retaining

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Center Section Valve)



CE-114056

REF. NO.	PART NUMBER	DESCRIPTION
1	364 885 R1	O-RING (@)
2	528 778 R1	VALVE, check (Optional with 528 345 R1) (2)
2	528 345 R1	VALVE, check (Optional with 528 778 R1) (2)
3	20 947 R1	O-RING (%) (4)
4	393 887 R1	RING, back-up (%) (6)
5	400 988 R1	PLUG (2)
6	297 459 R1	O-RING (%) (2)
7	533 356 R11	PLUG, shuttle valve spring (@)
8	531 770 R2	VALVE, relief (2)
9	$	BODY, w/two PLUGS, center section (Order Center Section Body Assy, 400 987 R92)
10	396 067 R1	PLUG, shuttle valve spring retainer (@)
11	406 379 R1	VALVE, center section shuttle (Code A) (+) (@)
11	406 380 R1	VALVE, center section shuttle (Code B) (+) (@)
11	406 381 R1	VALVE, center section shuttle (Code C) (+) (@)
11	406 382 R1	VALVE, center section shuttle (Code D) (+) (@)
11	406 383 R1	VALVE, center section shuttle (Code E) (+) (@)
11	406 384 R1	VALVE, center section shuttle (Code F) (+) (@)
12	396 063 R2	WASHER, shuttle valve inner (@)
13	396 064 R2	WASHER, shuttle valve outer (@)
14	531 079 R1	SPRING, shuttle valve centering (@)
15	396 066 R1	RING, shuttle valve snap (@)
16	533 357 R1	SPRING, shuttle valve centering (@)
17	70 960 C1	SPRING, check valve retention (2)

(+) Alpha Code of shuttle valve to match Alpha Code stamped on center section body.
(%) Also part of PACKAGE, 393 885 R91.
(@) Also part of Center Section Body Assy, 400 987 R92.

REF. NO.	PART NUMBER	DESCRIPTION

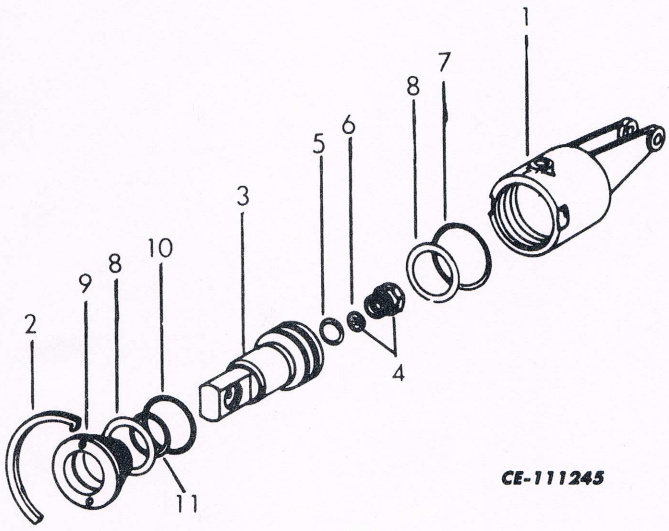
HYDROSTATIC TRANSMISSION
(Center Section Valve)

18	368 269 R1	O-RING (@)
	400 987 R92	BODY ASSY, center section (Consists of -
		1 BODY $
		1 O-RING 364 885 R1
		1 O-RING 368 269 R1
		2 PLUG $
		1 PLUG 396 067 R1
		1 PLUG 533 356 R11
		1 RING 396 066 R1
		1 SPRING 531 079 R1
		1 SPRING 533 357 R1
		1 SHUTTLE VALVE $
		1 WASHER 396 063 R2
		1 WASHER 396 064 R2)
	393 885 R91	PACKAGE, relief valve seal (Consists of -
		4 O-RING 20 947 R1
		4 O-RING 297 459 R1
		6 RING 393 887 R1)

(@) Also part of Center Section Body Assy, 400 987 R92

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Motor Servo Cylinder)



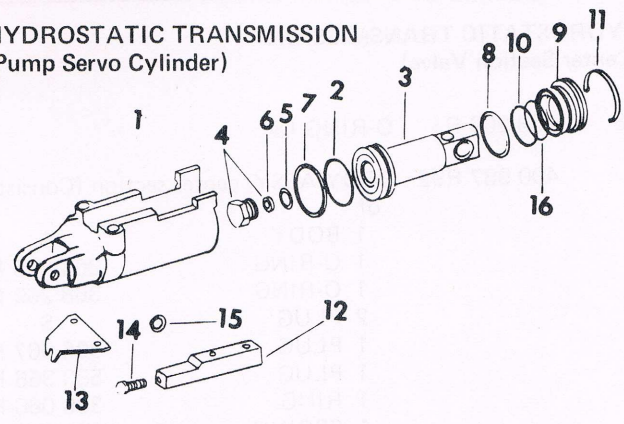
1	401 089 R1	BODY, cylinder
2	306 106 R1	WIRE, retaining
3	401 090 R1	PISTON
4	531 285 R91	PLUG ASSY, fixed orifice
5	364 885 R1	O-RING (%)
6	529 376 R1	STRAINER
7	396 103 R1	RING, piston sealing (%)
8	382 781 R1	O-RING (%) (2)
9	401 091 R1	GUIDE, piston
10	384 498 R1	O-RING (%)
11	401 092 R1	RING, guide sealing inner (%)
	401 093 R91	PACKAGE, motor servo cylinder O-ring and seal service (Consists of -

1 RING	396 103 R1
2 O-RING	382 781 R1
1 O-RING	364 885 R1
1 RING	401 092 R1
2 SLEEVE	134 630 H1
1 O-RING	384 498 R1
1 O-RING	369 384 R1
1 RING	396 109 R1)

(%) Also part of PACKAGE, 401 093 R91

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Pump Servo Cylinder)



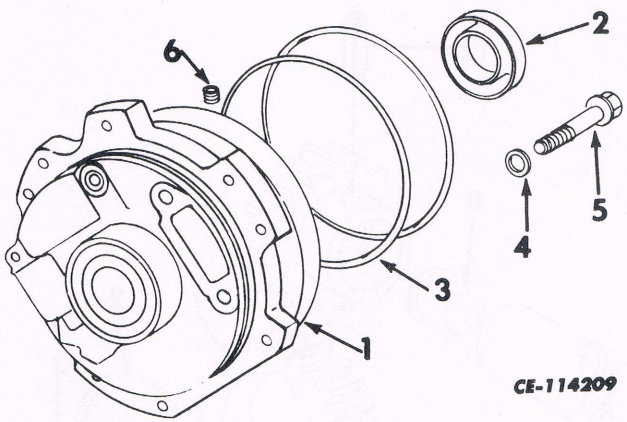
1	401 079 R1	BODY
2	379 141 R1	O-RING (@)
3	401 080 R1	PISTON
4	535 851 R11	PLUG ASSY, fixed orifice
5	570 828 R1	O-RING (@)
6	529 960 R1	STRAINER
7	405 311 R1	RING, piston sealing (@)
8	328 138 R1	O-RING (@)
9	401 084 R1	GUIDE
10	405 310 R1	RING, guide sealing inner (@)
11	388 968 R1	WIRE, retaining
12	401 086 R12	BLOCK ASSY, variable orifice adj
	69 786 C1	PIN
13	401 087 R1	BRACKET, adj block
	179 815	BOLT (2)
14	396 108 R2	BOLT, adj block
15	392 385 R1	O-RING (@)
16	347 070 R1	O-RING (@)
	401 088 R91	PACKAGE, pump servo cylinder O-ring and seal service (Consists of -

1 O-RING	379 141 R1
1 RING	405 311 R1
1 O-RING	570 828 R1
1 RING	405 310 R1
1 O-RING	328 138 R1
1 O-RING	392 385 R1
1 RING	396 109 R1
1 O-RING	369 751 R1
1 SLEEVE	134 630 H1
1 O-RING	347 070 R1)

(@) Also part of PACKAGE, 401 088 R91

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC TRANSMISSION
(Charge Pump (TRW)



		PUMP ASSY, charge (TRW) (Order Charge Pump Assy 66 454 C91) (Consists of the following parts -)
1	$	HOUSING
2	405 743 R91	SEAL, oil
3	405 172 R1	RING (2)
4	396 439 R1	WASHER (Optional w/WASHER, 564 832 R1) (2)
4	565 832 R1	WASHER (Optional w/WASHER, 397 439 R1) (2)
5	397 440 R1	BOLT (2)
6	397 433 R1	SPRING, slipper (8)
	537 786 R1	KIT, slipper pin (Consists of eight pins)

REF. NO.	PART NUMBER	DESCRIPTION

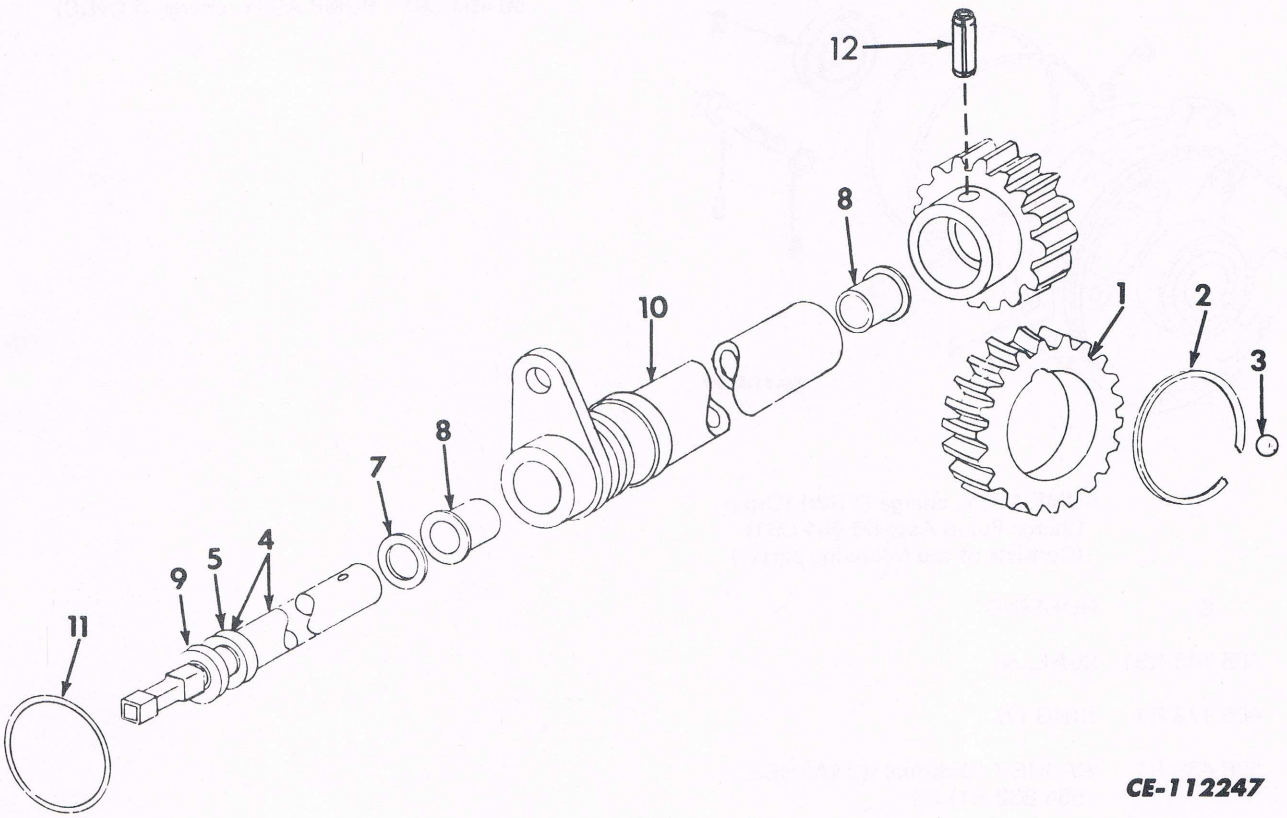
HYDROSTATIC TRANSMISSION
(Charge Pump) (EONIC)

	66 454 C91	PUMP ASSY, charge (EONIC)

REF. NO.	PART NUMBER	DESCRIPTION

REF. NO.	PART NUMBER	DESCRIPTION

SPEEDOMETER DRIVE (If equipped)
(Hydrostatic Transmission)

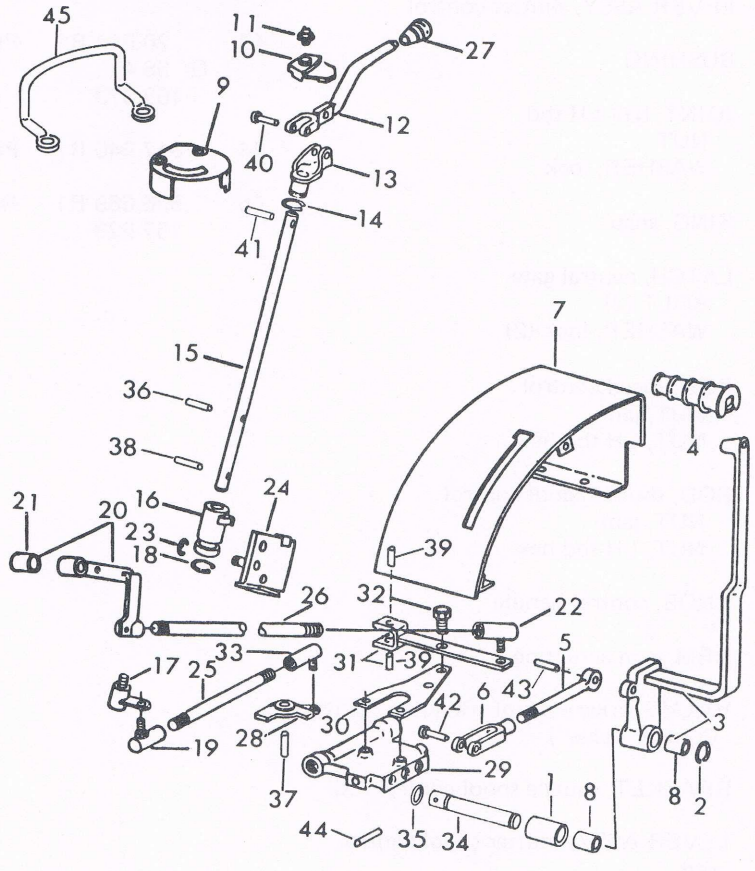


CE-112247

1	529 777 R1	GEAR, drive (16T)
2	381 486 R1	RING, snap
3	16 008 R1	BALL, stl
4	529 757 R11	SHAFT, drive
5	529 758 R1	COLLAR, drive shaft
6	529 778 R1	GEAR, driven (20T)
7	529 760 R1	WASHER, thrust (2)
8	529 761 R1	BEARING, drive shaft (2)
9	529 762 R91	SEAL, oil
10	529 763 R1 179 837	HOUSING, speedometer BOLT
11	370 943 R1	O-RING
12	20 948 R1	PIN, coiled spring

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

TRANSMISSION CONTROLS
(Hydrostaic Hand Control)

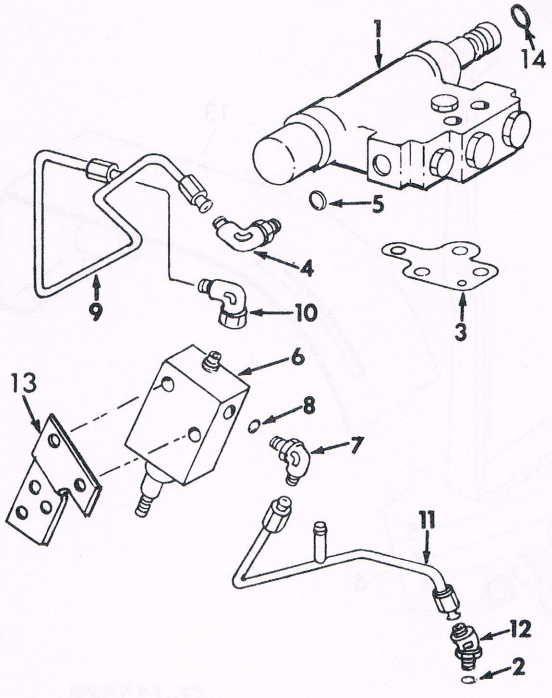


CE-113914

1	530 934 R1	SPACER, lever	11	531 340 R1	KNOB, fluted
2	454 331 R1	RING, retaining	12	531 341 R2	HANDLE, hydrostatic control
				141 405	PIN
3	530 536 R1	LEVER ASSEMBLY, range shift		120 386	WASHER, flat
4	528 138 R1	HANDLE, range shift	13	3 112 834 R1	BRACKET, pivot
	426 372	BOLT	14	454 331 R1	RING, snap
5	528 139 R1	ROD, range shift rear			
	124 925	NUT, jam	15	531 343 R2	ROD, control handle
6	116 536	CLEVIS, rod end	16	531 360 R2	GATE, control
7	1 213 013 C91	HOUSING, transmission shift	17	531 345 R1	ARM, speed control
8	539 245 R1	RUSHING (2)	18	269 181 R1	RING, snap
9	534 363 R2	HOUSING, hydrostatic control			
	154 041	SCREW, mach (2)	19	310 673 R91	JOINT, ball
10	531 339 R2	STOP, handle		124 920	NUT, jam
				120 214	WASHER, lock

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION CONTROLS – Continued (Hydrostatic Hand Control)		
20	531 348 R23	LEVER ASSY, shutter control
21	531 350 R1	BUSHING
22	534 930 R1	JOINT, ball LH thd
	124 925	NUT
	120 382	WASHER, lock
23	370 290 R1	RING, snap
24	3 121 129 R1	LATCH, neutral gate
	180 122	BOLT (2)
	120 382	WASHER, lock (2)
25	536 959 R1	ROD, speed control
	124 920	NUT, jam
	455 332	NUT, LH thd hex
26	531 359 R1	ROD, shuttle spool control
	124 925	NUT, jam
	23 460 R1	NUT, LH thd hex
27	402 584 R1	KNOB, control handle
28	403 516 R1	ARM, cam actuating
29		VALVE, drive control (Refer to "Drive Control Valve")
30	531 372 R1	BRACKET, shuttle spool control rod
31	531 373 R11	LEVER ASSY, shutter spool control rod
32	531 375 R1	BOLT, pivot
	124 829	NUT, jam
	120 382	WASHER, lock
33	25 472 R1	JOINT, ball LH thd
	124 920	NUT, jam
	120 214	WASHER, lock
34	527 853 R1	SHAFT, range shift lever
35	350 667 R1	O-RING
36	591 184 R1	PIN, roll
37	19 534 R1	PIN, roll
38	20 064 R1	PIN, dowel
39	141 236	PIN, dowel (2)
40	82 635 H	PIN, rod end
41	591 184 R1	PIN, roll
42	865 197 R1	PIN, rod end
	103 341	WASHER, flat
	103 373	PIN
43	20 614 R1	PIN, rod end
Q	36 41	WASHER, flat
	103 373	PIN
44	617 940 R1	PIN, roll
45	536 669 R1	ROD, steady rest
	157 523	BOLT (2)

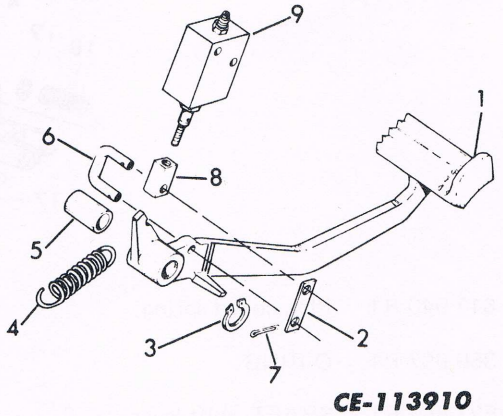
DRIVE CONTROL AND FOOT-N-INCH VALVE TUBING
(Hydrostatic Hand Control)



CE-113917

REF. NO.	PART NUMBER	DESCRIPTION
1		VALVE ASSY, drive control (Refer to "Drive Control Valve")
2	369 384 R1	O-RING
3	405 032 R1	GASKET, drive control valve
	180 137	BOLT, (2)
	42 947 V	PIN, rod end
	103 339	WASHER, flat
	103 362	PIN
4	9 410 974	ELBOW
5	369 751 R1	O-RING
6		VALVE ASSY, foot-n-inch (Refer to "Decelerator and Foot-N-Inch Valve)
	180 130	BOLT (2)
	120 382	WASHER, lock (2)
	120 377	NUT (2)
7	9 410 975	ELBOW
8	369 384 R1	O-RING
9	529 626 R1	TUBE, pilot valve pressure
10	9 410 278	UNION
11	529 627 R1	TUBE, pilot valve pressure dump
12	9 411 103	ELBOW
13	539 558 R1	BRACKET, valve
14	352 221 R1	O-RING

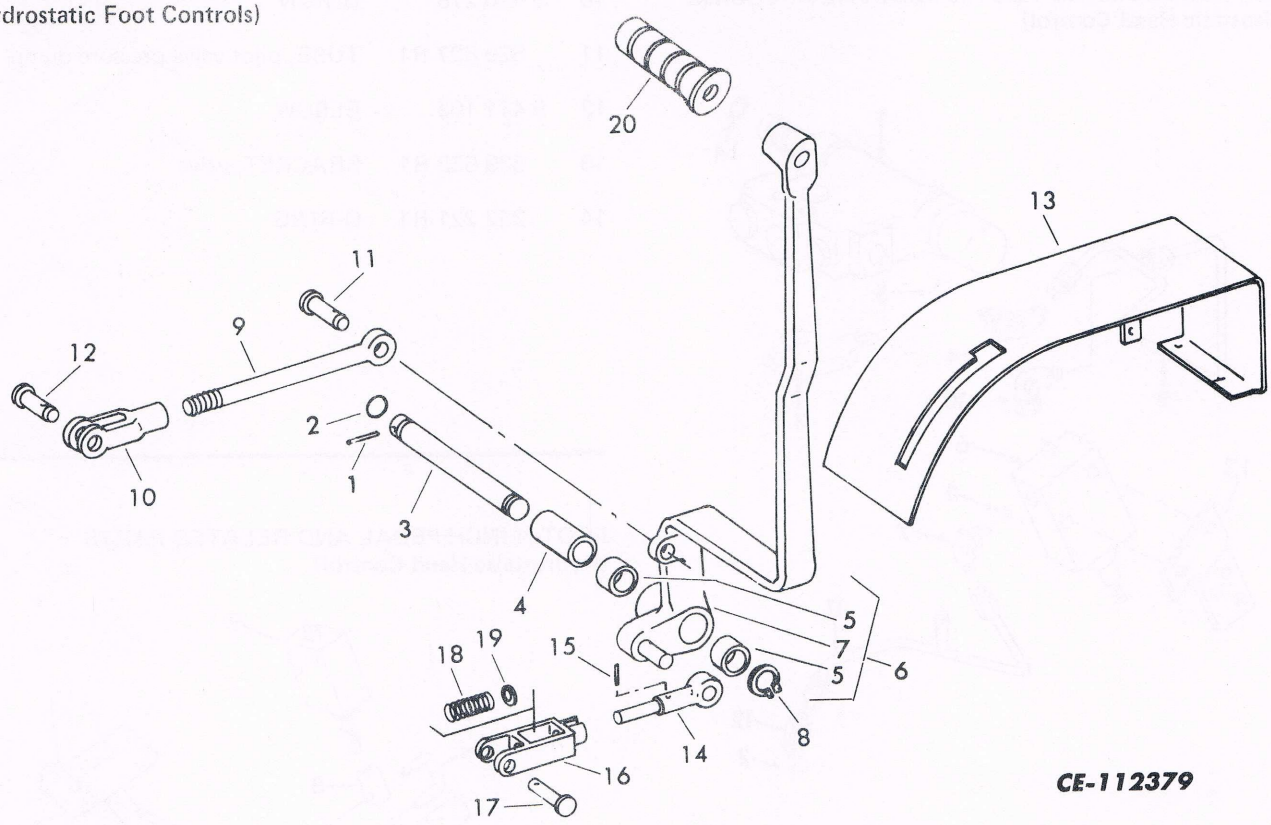
FOOT-N-INCH PEDAL AND RELATED PARTS
(Hydrostatic Hand Control)



CE-113910

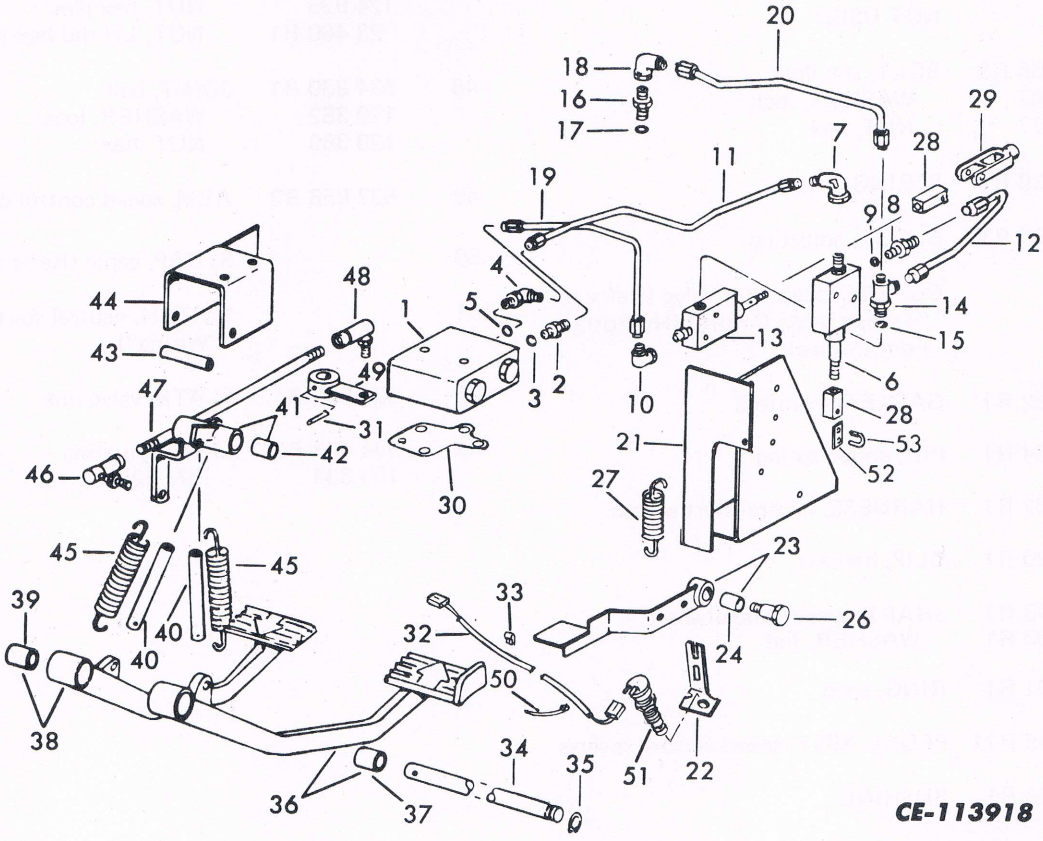
REF. NO.	PART NUMBER	DESCRIPTION
1	530 817 R2	PEDAL, foot-n-inch valve
	21 739 R1	WASHER, flat
2	539 557 R1	PLATE, valve link
3	454 331 R1	RING, snap
4	539 556 R1	SPRING, pedal return
5	539 246 R1	BUSHING
6	534 463 R2	LINK, valve
7	103 384	PIN, cotter
8	398 766 R1	CONNECTOR, valve
	124 920	NUT, jam
9		VALVE, foot-n-inch (Refer to "Decelerator and Foot-N-Inch Valve")

TRANSMISSION CONTROL
(Hydrostatic Foot Controls)



REF. NO.	PART NUMBER	DESCRIPTION
1	617 940 R1	PIN, coiled spring
2	350 667 R1	O-RING
3	527 853 R1	SHAFT, shift lever
4	530 934 R1	SPACER, lever
5	539 245 R1	BUSHING (2)
6	3 113 669 R91	LEVER ASSY, range shift
7	$	LEVER, range shift
8	454 331 R1	RING, snap
9	528 139 R1	ROD, shift
	124 925	NUT, hex jam
10	116 536	CLEVIS, rod end (Optional with 104 038 or 161 300 C1)
10	104 038	CLEVIS, rod end (Optional with 116 536 or 161 300 C1)
10	161 300 C1	CLEVIS, rod end (Optional with 116 536 or 104 038)
11	365 197 R1	PIN, rod end
	103 373	PIN, cotter
Q	3 641	WASHER, flat
12	20 614 R1	PIN, rod end
	103 373	PIN, cotter
	103 341	WASHER, flat
13	123 013 C91	HOUSING, shift pattern
14	537 940 R1	ROD, clevis
15	19 372 R1	PIN, coiled spring
16	537 939 R1	CLEVIS, rod end
17	22 751 R1	PIN, standard head
	103 384	PIN, cotter
18	404 290 R1	SPRING, clevis
19	319 565 C1	WASHER, flat
20	528 138 R1	HANDLE, lever
	426 372	BOLT

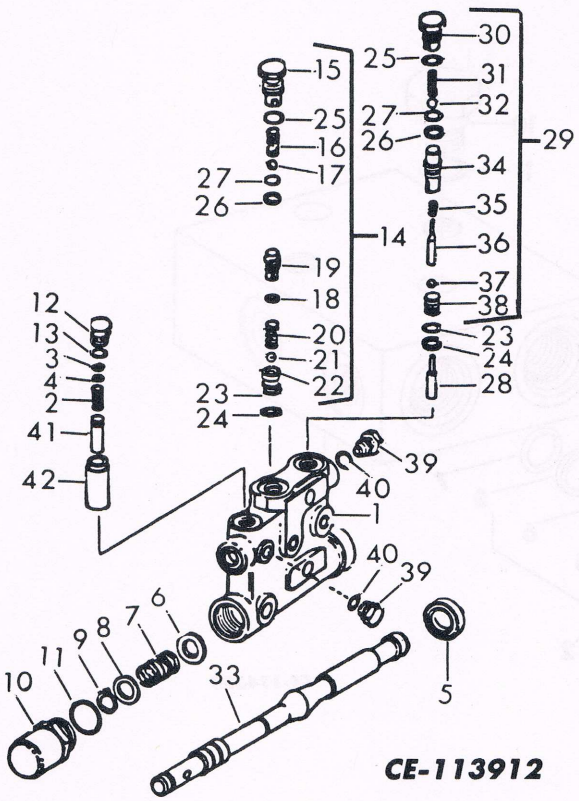
HYDROSTATIC FOOT CONTROLS



REF. NO.	PART NUMBER	DESCRIPTION
1		MANIFOLD ASSY, check valve (Refer to Check Valve Manifold)
	180 130	BOLT (2)
2	9 410 200	UNION, short swivel
3	369 751 R1	O-RING, manifold union
4	9 411 102	ELBOW
5	369 751 R1	O-RING, manifold elbow
6		VALVE ASSY, foot-n-inch (Refer to "Decelerator and Foot-N-Inch Valve")
7	9 410 278	ELBOW
8	9 410 201	UNION, short swivel
9	369 384 R1	O-RING, valve union
10	9 410 278	UNION
11	537 924 R1	TUBE, foot-n-inch pressure
12	537 925 R1	TUBE, foot-n-inch dump
13		VALVE ASSY, decelerator (Refer to Decelerator and Foot-N-Inch Valve)
14	9 411 129	TEE
15	369 384 R1	O-RING, valve tee
16	24 900 R1	UNION, short swivel reducer
17	570 828 R1	O-RING, valve union
18	9 410 279	ELBOW
19	537 926 R1	TUBE, decelerator valve pressure
20	537 927 R1	TUBE, decelerator valve dump
21	537 928 R1	BRACKET, valve mounting
	186 282	BOLT (2)
22		BRACKET, safety starting switch (Refer to "Wiring")
23	537 933 R93	PEDAL ASSY, foot-n-inch
24	537 936 R1	BUSHING

REF. NO.	PART NUMBER	DESCRIPTION
HYDROSTATIC FOOT CONTROLS - Continued		
25		NOT USED
26	532 965 R3	BOLT, shoulder
	120 382	WASHER, lock
	120 377	NUT, hex
27	537 938 R1	SPRING, return
28	398 766 R1	BLOCK, adjusting
29		CLEVIS, decelerator valve (Refer to "Transmission Control (Hydrostatic Foot Controls)")
30	405 032 R1	GASKET, manifold
31	19 534 R1	PIN, coiled spring
32	539 462 R1	HARNESS, neutral start switch
33	362 120 R1	CLIP, harness
34	537 943 R1	SHAFT, speed control shaft
	23 183 R1	WASHER, flat
35	454 331 R1	RING, snap
36	537 945 R11	PEDAL ASSY, speed control reverse
37	539 246 R1	BUSHING
38	537 946 R11	PEDAL ASSY, forward
39	539 246 R1	BUSHING
40	537 947 R1	ROD, speed control (2)
	181 567	BOLT, (2)
	120 613	NUT, hex jam (2)
41	537 948 R91	BELLCRANK ASSY, speed control
42	537 936 R1	BUSHING (2)
43	537 953 R1	SPACER, speed control bellcrank
44	537 954 R1	BRACKET, forward-reverse speed control bellcrank
	180 120	BOLT, 3/4" long (3)
	189 298	BOLT, 4" long
	120 214	WASHER, 5/16 lock
	120 376	NUT, 5/16 hex
	120 382	WASHER, 3/8 lock (3)
	120 377	NUT, 3/8-16 hex (3)
45	537 956 R1	SPRING, speed control return (2)
46	392 594 R1	JOINT, ball
	120 382	WASHER, lock
	120 369	NUT, hex
47	537 957 R1	ROD, speed control cam
	124 925	NUT, hex jam
	23 460 R1	NUT, LH thd hex jam
48	534 930 R1	JOINT, ball
	120 382	WASHER, lock
	120 369	NUT, hex
49	537 958 R2	ARM, speed control cam actuating
50		STRAP, cable (Refer to "Wiring")
51		SWITCH, neutral start (Refer to "Wiring")
52	539 557 R1	PLATE, valve link
53	534 463 R2	LINK, actuating
	103 384	PIN, (2)

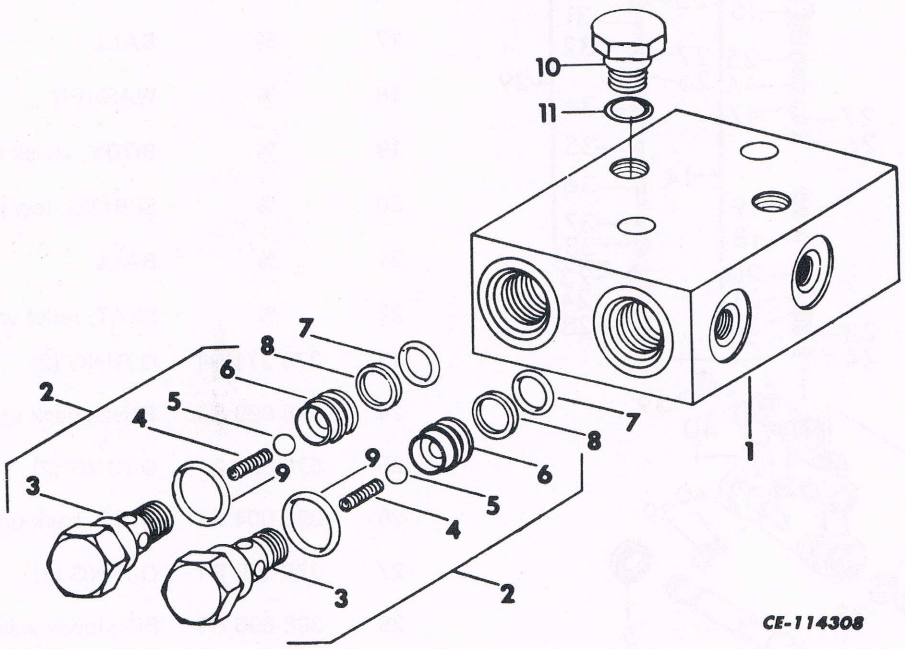
DRIVE CONTROL VALVE
(For Machines w/Hydrostatic Hand Control)



REF. NO.	PART NUMBER	DESCRIPTION
	401 852 R92	VALVE ASSY, drive control (Consists of the following parts -)
1	$	BODY ASSY, drive control
2	400 454 R1	SPRING, valve
3	875 777 R1	RING, retaining
4	401 291 R1	WASHER, anti-coast valve pin
5	381 232 R91	SEAL, oil
6	398 693 R1	WASHER
7	398 733 R1	SPRING, centering
8	398 694 R1	WASHER
9	398 700 R1	RING, retaining
10	398 692 R1	PLUG, valve
11	297 459 R1	O-RING
12	533 567 R1	PLUG
13	364 839 R1	O-RING
14	404 497 R3	VALVE ASSY, "B" capsule
15	%	BODY, check valve seat
16	%	SPRING, upper ball check
17	%	BALL
18	%	WASHER
19	%	BODY, check valve seat
20	%	SPRING, low pressure relief
21	%	BALL
22	%	SEAT, relief valve
23	375 271 R1	O-RING (2)
24	398 699 R1	RING, back-up (2)
25	570 828 R1	O-RING (2)
26	383 004 R1	RING, back-up (2)
27	370 920 R1	O-RING (2)
28	398 696 R1	PIN, lower valve lift
29	404 496 R3	VALVE ASSY, "A" capsule
30	@	BODY, check valve
31	@	SPRING, check valve
32	@	BALL
33	@	SPOOL
34	@	BODY, check valve seat
35	@	SPRING, lower check valve
36	@	PIN, upper valve lift
37	@	BALL
38	@	SEAT, lower check valve
39	9 410 356	PLUG, (3)
40	369 751 R1	O-RING (3)
41	$	PIN, anti-coast valve
42	$	PIN, anti-coast valve spool

% ORDER VALVE ASSY 404 497 R3
@ ORDER VALVE ASSY 404 496 R3

CHECK VALVE MANIFOLD
(For Machines w/Hydrostatic Foot Controls)



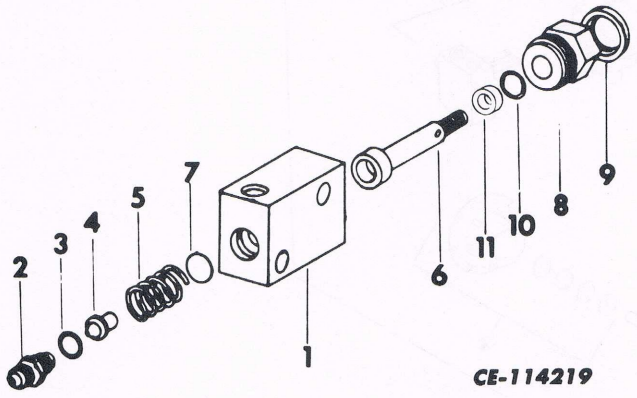
REF. NO.	PART NUMBER	DESCRIPTION
1	535 250 R2	BLOCK, check valve
2	535 251 R1	VALVE ASSEMBLY, check (2)
3	(+)	BODY (2)
4	(+)	SPRING (2)
5	(+)	BALL (2)
6	(+)	SEAT, valve (2)
7	375 271 R1	O-RING (2)
8	398 699 R1	WASHER, back-up (2)
9	570 828 R1	O-RING (2)
10	9 410 356	PLUG (2)
11	369 751 R1	O-RING (2)

(+) Order CHECK VALVE 535 251 R1

REF. NO.	PART NUMBER	DESCRIPTION

REF. NO.	PART NUMBER	DESCRIPTION

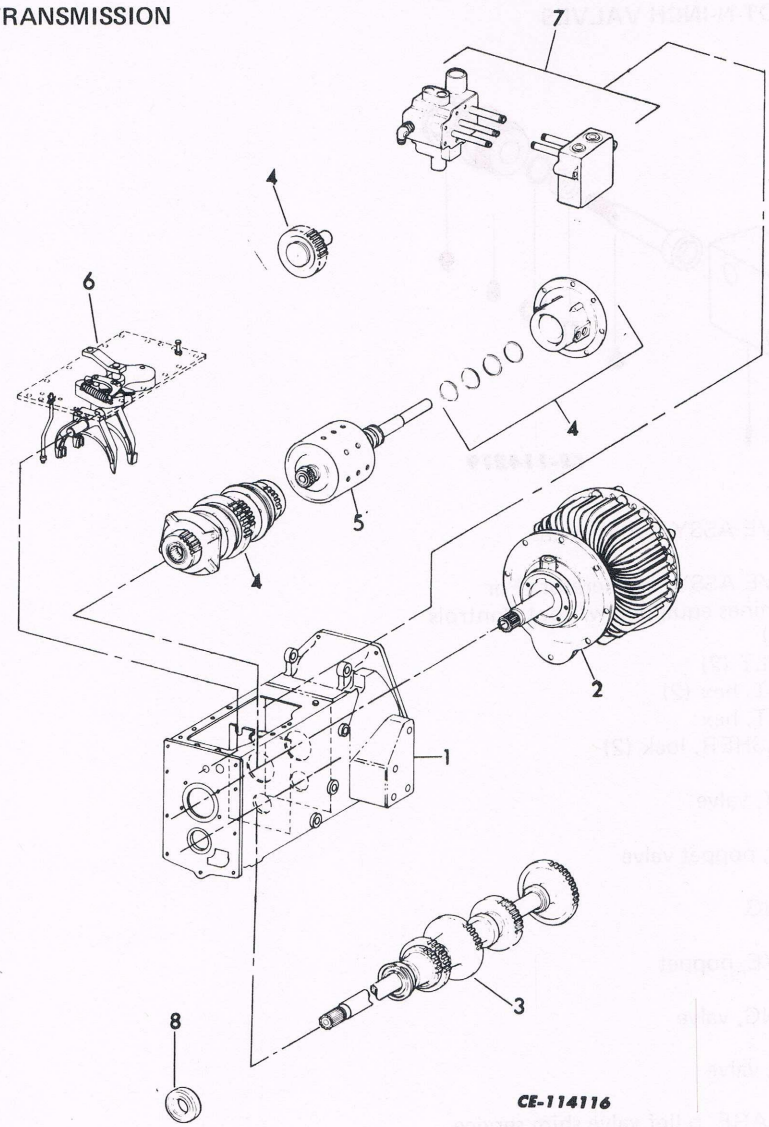
DECELERATOR AND FOOT-N-INCH VALVES
(Hydrostatic Transmission)



A	398 705 R91	VALVE ASSY, foot-n-inch
B	404 211 R91	VALVE ASSY, decelerator (For machines equipped w/Foot Controls only)
	180 130	BOLT (2)
	120 377	NUT, hex (2)
	120 368	NUT, hex
	120 382	WASHER, lock (2)
1	$	BODY, valve
2	398 709 R1	SEAT, poppet valve
3	369 751 R1	O-RING
4	398 710 R1	VALVE, poppet
5	539 731 R1	SPRING, valve
6	398 708 R1	STOP, valve
7	530 575 R91	PACKAGE, relief valve shim service (Consists of -
		4 SHIM .005 $
		4 SHIM .007 $
		2 SHIM .020 $
		1 SHIM .042 $)
8	398 707 R1	GUIDE, valve spring stop
9	398 701 R91	SEAL, oil
10	364 885 R1	O-RING
11	404 212 R1	SLEEVE, valve stop (B)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

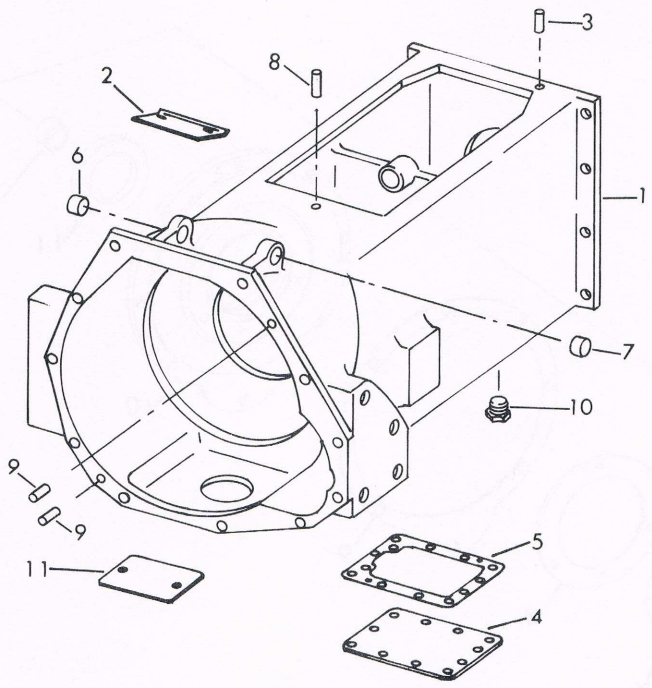
TORQUE CONVERTER TRANSMISSION



1	HOUSING GROUP (Refer to Housing and Covers under TORQUE CONVERTER TRANSMISSION heading)	5	CLUTCH ASSY (Refer to Clutch Assy under TORQUE CONVERTER TRANSMISSION heading)
2	TORQUE CONVERTER GROUP (Refer to Torque Converter Related Parts under TORQUE CONVERTER TRANSMISSION heading)	6	COVER AND SHIFT MECHANISM GROUP (Refer to Gear Shift Mechanism under TORQUE CONVERTER TRANSMISSION heading)
3	POWER TAKE-OFF SHAFT GROUP (Refer to Power Take-Off Shaft and Related Parts under TORQUE CONVERTER TRANSMISSION heading)	7	VALVES AND CONNECTIONS GROUP (Refer to Control Valve, Regulator Valve and Connections under TORQUE CONVERTER TRANSMISSION heading)
4	MAIN SHAFT GROUP (Refer to Main Shaft and Related Parts under TORQUE CONVERTER TRANSMISSION heading)	8	BEARING (Refer to REAR MAIN FRAME) (Not part of TORQUE CONVERTER TRANSMISSION)

REF. NO.	PART NUMBER	DESCRIPTION

TORQUE CONVERTER TRANSMISSION
(Housing and Covers)



CE-113830

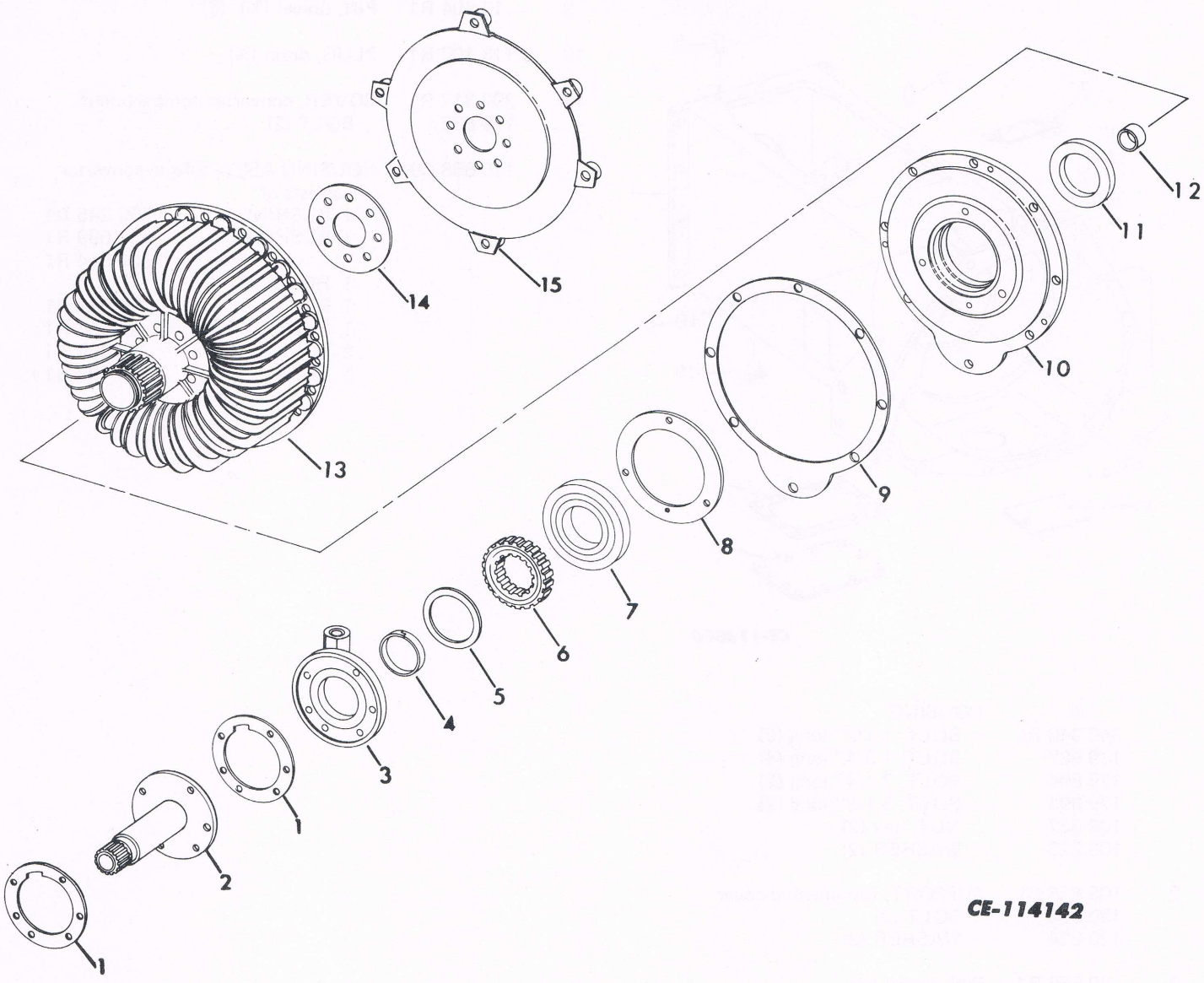
REF. NO.	PART NUMBER	DESCRIPTION
1	@	HOUSING
	340 340 R1	BOLT, 1-1/2" long (9)
	179 887	BOLT, 1-3/4" long (4)
	179 894	BOLT, 3-1/4" long (2)
	179 895	BOLT, 3-1/2" long (2)
	102 637	NUT, hex (2)
	103 323	WASHER (2)
2	103 218 C1	SUPPORT, top opening cover
	180 073	BOLT (2)
	120 214	WASHER (2)
3	20 556 R1	PIN, dowel (%)
4	402 182 R1	COVER, bottom
	179 838	BOLT (11)
	103 321	WASHER (11)
5	402 556 R2	GASKET, bottom cover
6	539 245 R1	BUSHING (%)
7	537 099 R1	BUSHING (Optional w/539 834 R1) (%)
7	539 834 R1	BUSHING (Optional w/537 099 R1) (%)
8	19 962 R1	PIN, dowel (%)
9	19 904 R1	PIN, dowel (%) (2)
10	3 113 103 R1	PLUG, drain (%)
11	399 817 R1	COVER, converter compartment
	179 835	BOLT (2)
	115 898 C91	HOUSING ASSY, torque converter (Consists of -
	1 BUSHING	539 245 R1
	1 BUSHING	537 099 R1
	or	539 834 R1
	1 HOUSING	$
	1 PIN	19 962 R1
	1 PIN	20 556 R1
	2 PIN	19 904 R1
	1 PLUG	3 113 103 R1)

@ Order HOUSING ASSY, 115 898 C91

(%) Part of HOUSING ASSY, 115 898 C91

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

TORQUE CONVERTER TRANSMISSION
(Torque Converter Related Parts)

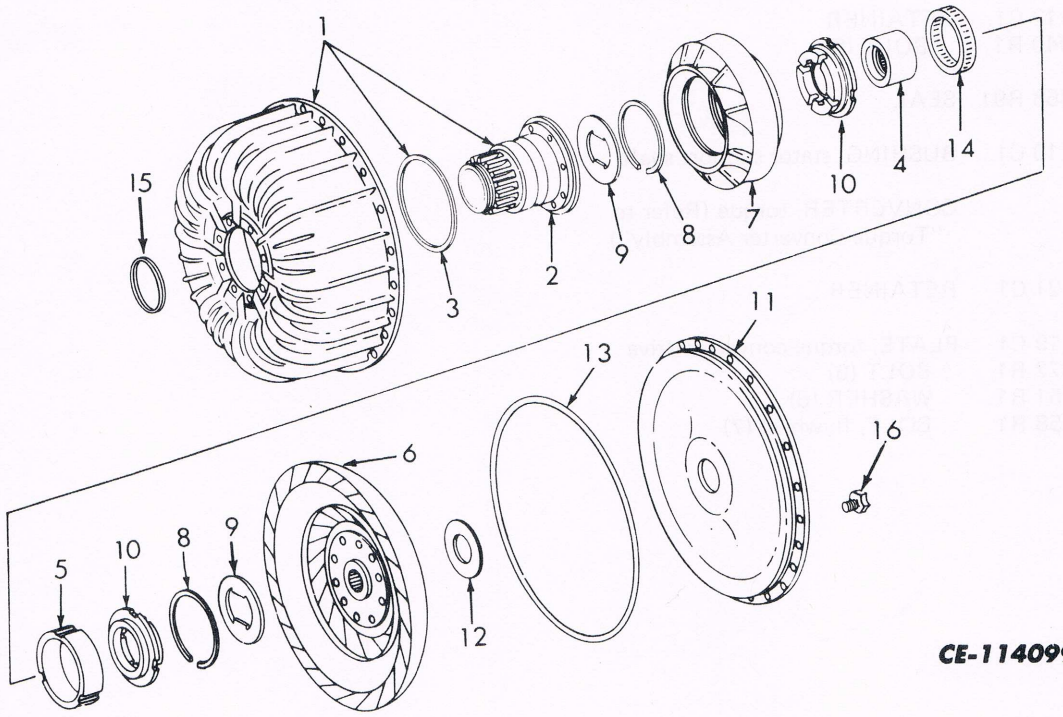


1	103 637 C1	GASKET, inlet cover (2)	5	103 111 C1	WASHER, gear
2	103 108 C1	SHAFT w/BUSHING, 103 110 C1, stator support	6	103 130 C1	GEAR, IPTO driven (25T)
			7	302 366 R91	BEARING, ball
3	103 143 C1 26 307 R1	COVER, torque converter inlet BOLT (6)	8	103 113 C1 27 939 R1	RETAINER BOLT (3)
4	103 118 C91	RING, impeller hub seal			

REF. NO.	PART NUMBER	DESCRIPTION
		TORQUE CONVERTER TRANSMISSION — Continued
		(Torque Converter Related Parts)
9	103 114 C2	GASKET, input gear shaft outer
10	103 112 C1	RETAINER
	27 940 R1	BOLT (8)
11	392 363 R91	SEAL
12	103 110 C1	BUSHING, stator support shaft
13		CONVERTER, torque (Refer to "Torque Converter Assembly")
14	103 121 C1	RETAINER
15	103 119 C1	PLATE, torque converter drive
	390 872 R1	BOLT (6)
	388 751 R1	WASHER (6)
	3 218 558 R1	BOLT, flywheel (7)

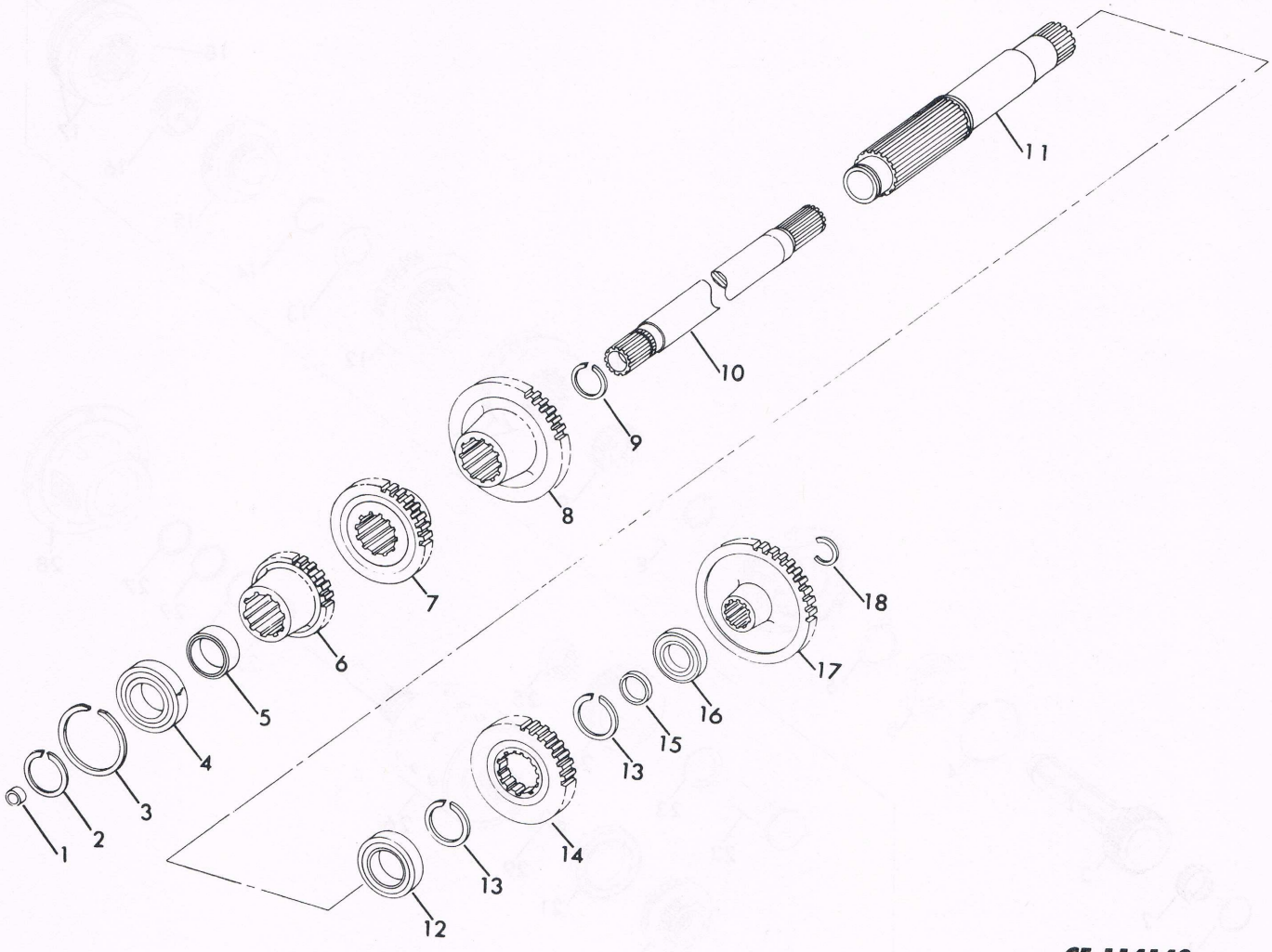
REF. NO.	PART NUMBER	DESCRIPTION

TORQUE CONVERTER TRANSMISSION
(Torque Converter Assembly)



REF. NO.	PART NUMBER	DESCRIPTION
	103 115 C91	CONVERTER ASSY, torque (Consists of the following parts, except ref. 15)
1	115 992 C91	IMPELLER ASSY, torque converter
	119 447 H1	NUT, lock (18)
	158 513 R1	BOLT (18)
2	103 117 C1	HUB, impeller
	180 018	BOLT (8)
	120 380	WASHER, lock (8)
3	158 503 R1	GASKET, impeller hub
4	158 509 R1	BEARING, impeller inner race
5	158 507 R1	BEARING, impeller outer race
6	115 993 C91	TURBINE ASSY, torque converter
7	119 739 H1	STATOR ASSY
8	158 510 R1	RING, stator snap (2)
9	603 803 C1	WASHER, stator side thrust (2)
10	603 804 C1	WASHER, stator thrust (2)
11	388 741 R91	COVER ASSY, front
12	560 962 C1	WASHER, front cover thrust
13	158 512 R1	GASKET, front cover
14	150 359 H1	BEARING, clutch
15		RING, impeller hub seal (Not part of Torque Converter Assembly) (Refer to "Torque Converter Related Parts")
16	867 925 R1	PLUG

TORQUE CONVERTER TRANSMISSION
(Power Take-Off Shaft and Related Parts)

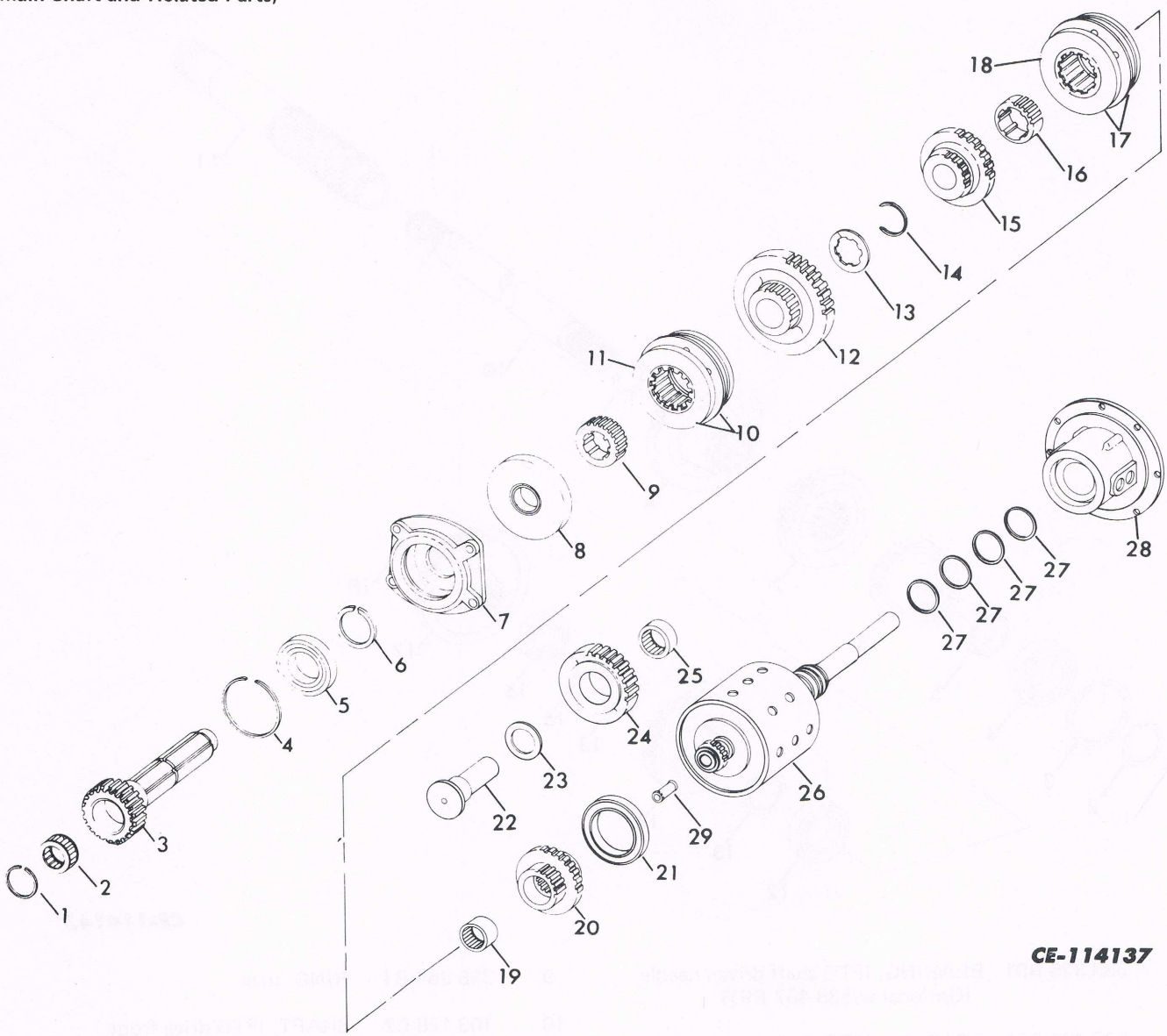


CE-114143

REF. NO.	PART NUMBER	DESCRIPTION
1	533 325 R91	BEARING, IPTO shaft driven needle (Optional w/538 467 R91)
1	538 467 R91	BEARING, IPTO shaft driven needle (Optional w/533 325 R91)
2	379 511 R1	RING, snap
3	574 964 R1	RING, snap
4	ST 201	BEARING, countershaft ball
5	103 132 C1	BUSHING, counter shaft spacer
6	404 093 R1	GEAR, 1st speed drive (26T)
7	404 092 R1	GEAR, 2nd speed drive (34T)
8	404 090 R1	GEAR, constant mesh driven (39T)
9	398 264 R1	RING, snap
10	103 128 C2	SHAFT, IPTO drive front
11	103 747 C1	SHAFT, counter
12	392 680 R91	BUSHING
13	381 486 R1	RING, snap (2)
14	103 748 C1	GEAR, reverse driven (31T)
15	103 177 C1	RING, IPTO drive front shaft bearing retainer
16	81 901 R91	BEARING, ball
17	103 129 C2	GEAR, IPTO driven (42T)
18	533 266 R1	RING, snap

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

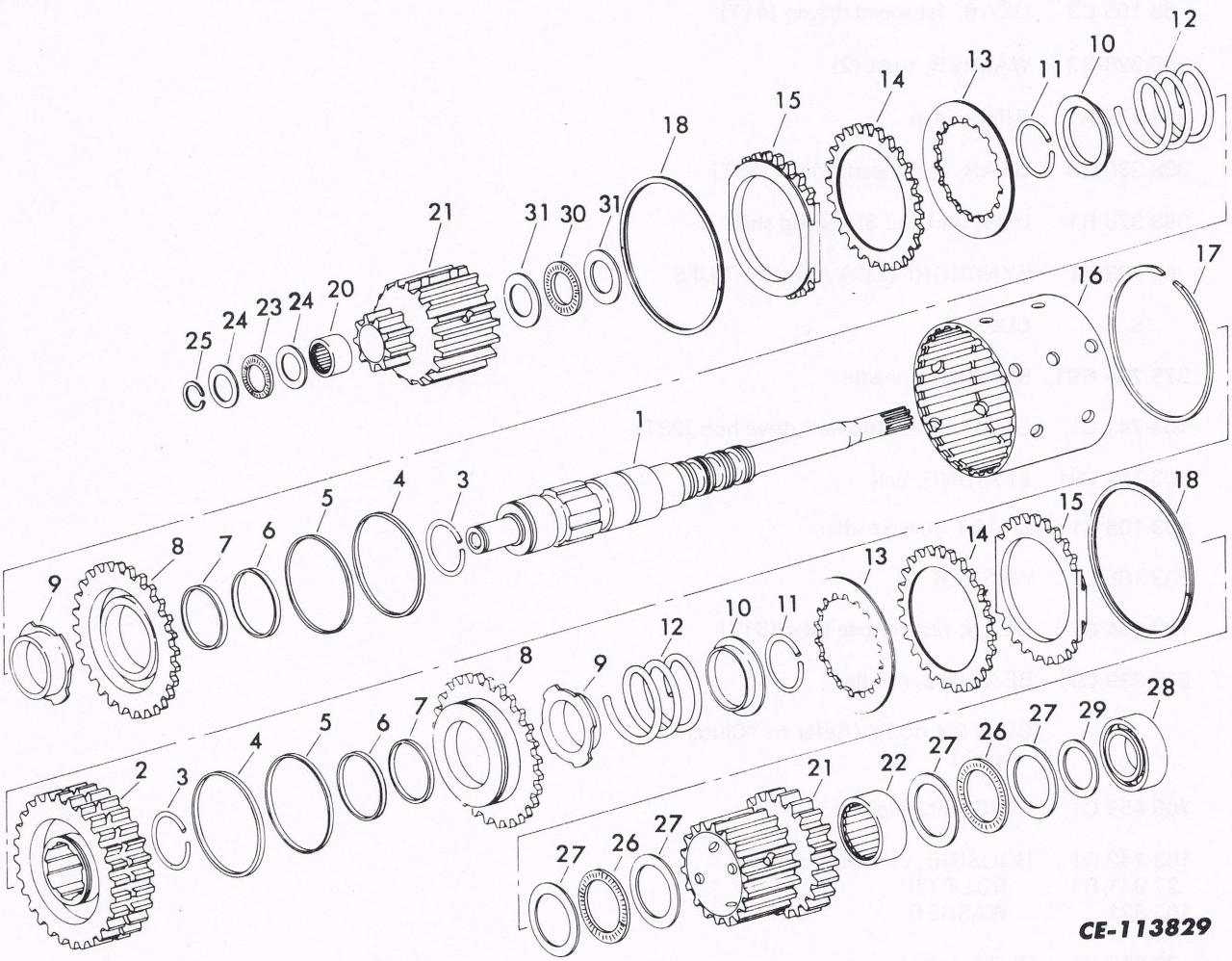
TORQUE CONVERTER TRANSMISSION
(Main Shaft and Related Parts)



1	66 014 C1	RING, snap	6	327 068 R1	RING, outer snap
2	613 639 C91	BEARING, main shaft needle	7	103 137 C1 179 839	CAGE, mainshaft bearing BOLT (4)
3	103 743 C1	SHAFT, main	8	115 634 C1	RETAINER, synchronizer
4	398 334 R1	RING, inner snap	9	398 325 R1	HUB, 1st speed shift sleeve
5	140 639 R91	BEARING, ball (Optional w/BEARING 67 322 C91)	10	103 135 C1	SYNCHRONIZER ASSY, w/cups
5	67 322 C91	BEARING, ball (Optional w/BEARING 140 639 R91)	11	$	CUPS

REF. NO.	PART NUMBER	DESCRIPTION
		TORQUE CONVERTER TRANSMISSION – Continued (Main Shaft and Related Parts)
12	66 155 C3	GEAR, 1st speed driven (41T)
13	398 328 R2	WASHER, trust (2)
14	398 329 R1	RING, snap
15	398 330 R3	GEAR, 2nd speed driven (33T)
16	398 325 R1	HUB, 2nd and 3rd speed shift
17	65 793 C1	SYNCHORNIZER ASSY, w/CUPS
18	$	CUPS
19	375 705 R91	BEARING, needle
20	103 741 C1	GEAR, direct forward drive hub (28T)
21	103 102 C91	BEARING, ball
22	103 106 C1	SHAFT, reverse idler
23	103 105 C1	WASHER (2)
24	103 104 C1	GEAR, fast reverse idler (31T)
25	613 639 C91	BEARING, needle
26		CLUTCH ASSY (Refer to "Clutch Assy")
27	705 452 C1	RING, rotating seal
28	103 142 C1	HOUSING, oil distributor
	27 941 R1	BOLT (7)
	103 321	WASHER
29	68 057 C1	TUBE, lube jumper

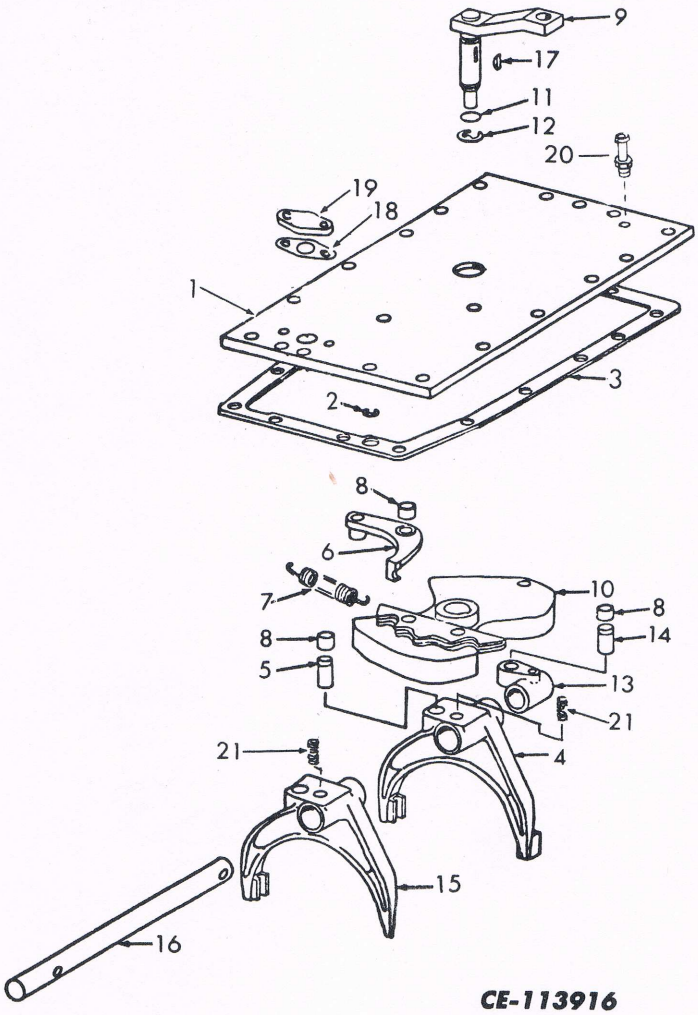
TORQUE CONVERTER TRANSMISSION
(Clutch Assy)



REF. NO.	PART NUMBER	DESCRIPTION
	115 658 C91	CLUTCH ASSY (Consists of the following parts -)
1	103 096 C2	SHAFT ASSY, input
2	115 163 C1	CLUTCH
3	1 212 815 C1	RING, retaining (2)
4	659 997 C1	SEAL, teflon (2)
5	659 998 C1	O-RING (2)
6	659 910 C1	SEAL, teflon (2)
7	659 913 C1	O-RING (2)
8	1 212 819 C1	PISTON (2)
9	1 212 817 C1	SLEEVE, lube (2)
10	1 212 820 C1	RETAINER, spring (2)
11	632 341 C1	RING, retainer (2)
12	1 212 816 C1	SPRING (2)
13	1 212 821 C1	DISC, friction (12)
14	659 882 C1	PLATE, drive (10)
15	1 212 818 C1	PLATE, clutch support (2)
16	115 659 C1	COUPLING
17	1 212 814 C1	RING, int. snap

REF. NO.	PART NUMBER	DESCRIPTION
TORQUE CONVERTER TRANSMISSION – Continued (Clutch Assy)		
18	627 398 C1	RING, snap (2)
19	103 742 C1	HUB, clutch
20	143 996 H1	BEARING, needle
21	103 141 C1	GEAR, reverse
22	370 486 R91	BEARING, needle
23	619 150 C91	BEARING, needle thrust
24	619 174 C1	RACE (2)
25	454 319 R1	RING, snap
26	374 011 R91	BEARING, needle trust (2)
27	612 685 R1	RACE (4)
28	306 084 R91	BEARING, oil distributor housing
29	124 142 C1	WASHER, bearing backup
30	371 226 R91	BEARING, needle trust
31	250 622 C1	RACE (2)

TORQUE CONVERTER TRANSMISSION
(Gear Shift Mechanism)

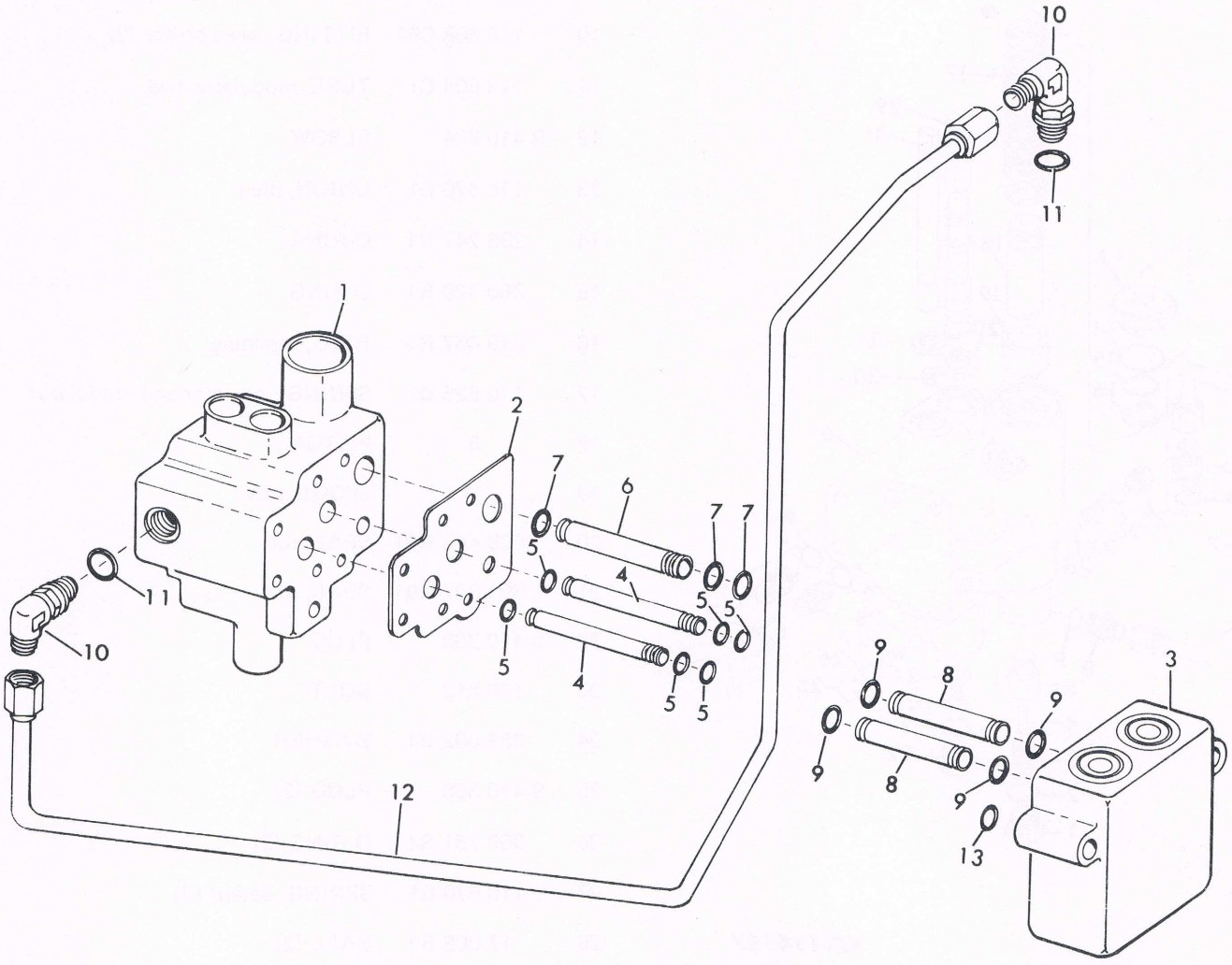


CE-113916

REF. NO.	PART NUMBER	DESCRIPTION
1	105 827 C1	COVER ASSY, housing top
	179 839	BOLT, (16)
	11 002 VA	WASHER, flat
	9 410 359	PLUG
	570 828 R1	O-RING
	103 321	WASHER, lock (16)
2	370 290 R1	RING, retaining
3	401 019 R3	GASKET, housing top cover
4	103 178 C1	FORK ASSY, w/PIN 383 438 R1, 2nd and 3rd shift
5	383 438 R1	PIN, dowel
6	382 565 R21	ARM ASSY, shifter control
7	383 997 R1	SPRING, shifter control arm
8	380 115 R2	ROLLER, cam (3)
9	115 557 C1	ARM ASSY, cam actuating
10	67 136 C1	CAM, shift (Optional w/399 454 R93)
10	399 454 R93	CAM, shift (Optional w/67 136 C1)
	104 186	RIVETS (2)
11	352 221 R1	O-RING
12	603 570 R1	RING, cam pivot shaft
13	401 694 R11	HUB ASSY w/DOWEL PIN 383 438 R1, 1st and 2nd speed shift
14	383 438 R1	PIN, dowel
15	401 695 R2	FORK, 1st speed shift
16	103 140 C1	ROD, 1st speed shift
17	106 751	KEY
18	534 420 R1	GASKET, lube pressure
19	539 536 R1	COVER, lube pressure
	181 311	BOLT (2)
	103 319	WASHER (2)
20	105 826 C1	ADAPTER
21	25 155 R1	PIN, roll (2)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

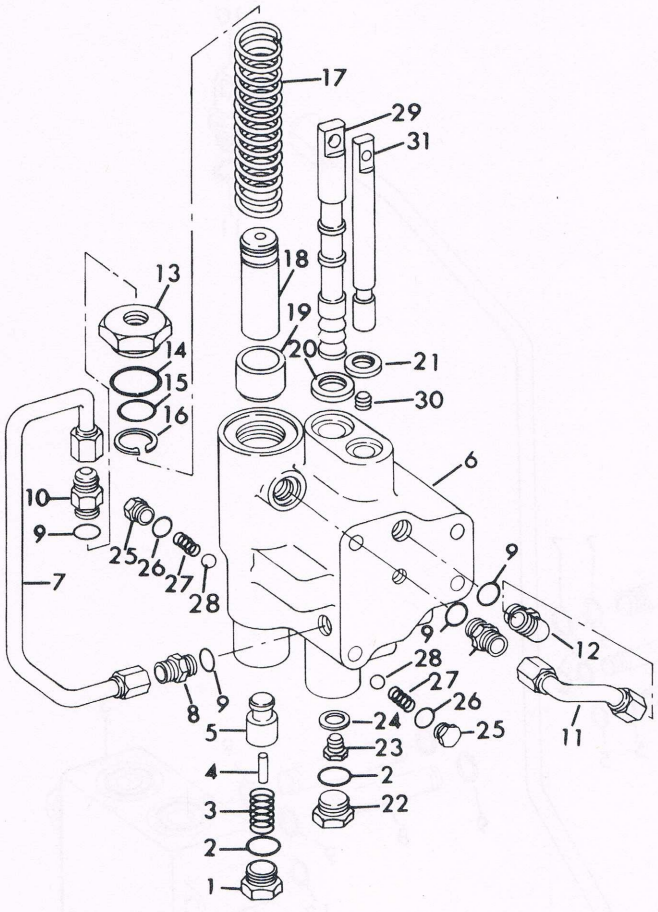
TORQUE CONVERTER TRANSMISSION
(Control Valve, Regulator Valve and Connections)



CE-114141

1		VALVE ASSY, control dump and modulation (Refer to "Control Dump and Modulation Valve")	6	103 123 C1	TUBE, converter inlet
	189 306	BOLT (4)	7	379 181 R1	O-RING (3)
	120 382	WASHER (4)	8	103 126 C1	TUBE, cooler (2)
2	103 125 C1	GASKET, control valve	9	379 181 R1	O-RING (4)
3		VALVE, regulator junction (Refer to "Regulator Junction Valve")	10	9 410 977	ELBOW (2)
	180 130	BOLT (4)	11	570 828 R1	O-RING (2)
	120 382	WASHER (4)	12	1 240 499 C1	TUBE ASSY, charge pump
4	103 122 C1	TUBE, clutch (2)	13	350 429 R1	O-RING, check valve port
5	355 967 R1	O-RING (6)			

TORQUE CONVERTER TRANSMISSION
(Control Dump and Modulation Valve Assembly)

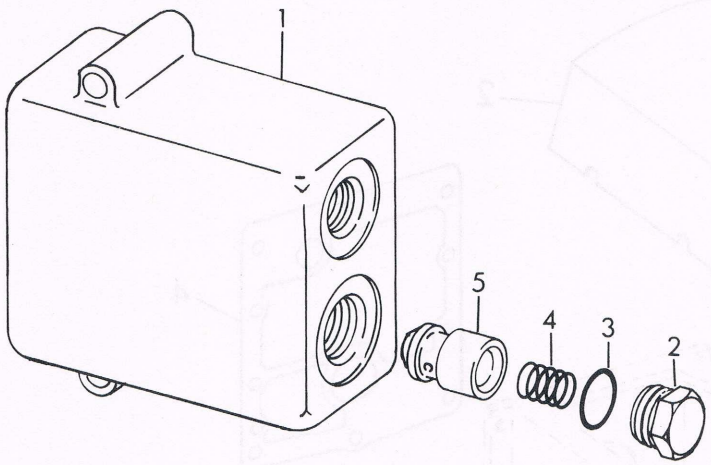


CE-114147

REF. NO.	PART NUMBER	DESCRIPTION
	110 673 C91	VALVE ASSY, control dump and modulation (Consists of the following parts -)
1	110 550 C1	PLUG, valve cap
2	364 885 R1	O-RING (2)
3	126 821 C1	SPRING
4	20 504 R1	PIN, dowel
5	110 551 C1	VALVE, regulator
6	$	BODY, control valve
7	113 505 C1	TUBE, modulator rev.
8	9 410 200	CONNECTOR
9	369 751 R1	O-RING (4)
10	113 688 C91	FITTING, valve orifice (2)
11	113 504 C1	TUBE, modulator fwd.
12	9 410 974	ELBOW
13	110 626 C1	UNION, plug
14	296 247 R1	O-RING
15	350 429 R1	O-RING
16	619 467 R1	RING, retaining
17	110 625 C1	SPRING, regulator and modulator
18	$	PISTON
19	$	SPOOL, valve
20	529 443 R91	SEAL, rod
21	394 847 R91	SEAL, rod
22	9 410 360	PLUG
23	179 812	BOLT
24	383 002 R1	WASHER
25	9 410 356	PLUG (2)
26	369 751 R1	O-RING (2)
27	110 676 C1	SPRING, detent (2)
28	17 008 R1	BALL (2)
29	$	SPOOL, control valve
30	9 409 954	PLUG
31	$	SPOOL, dump valve

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

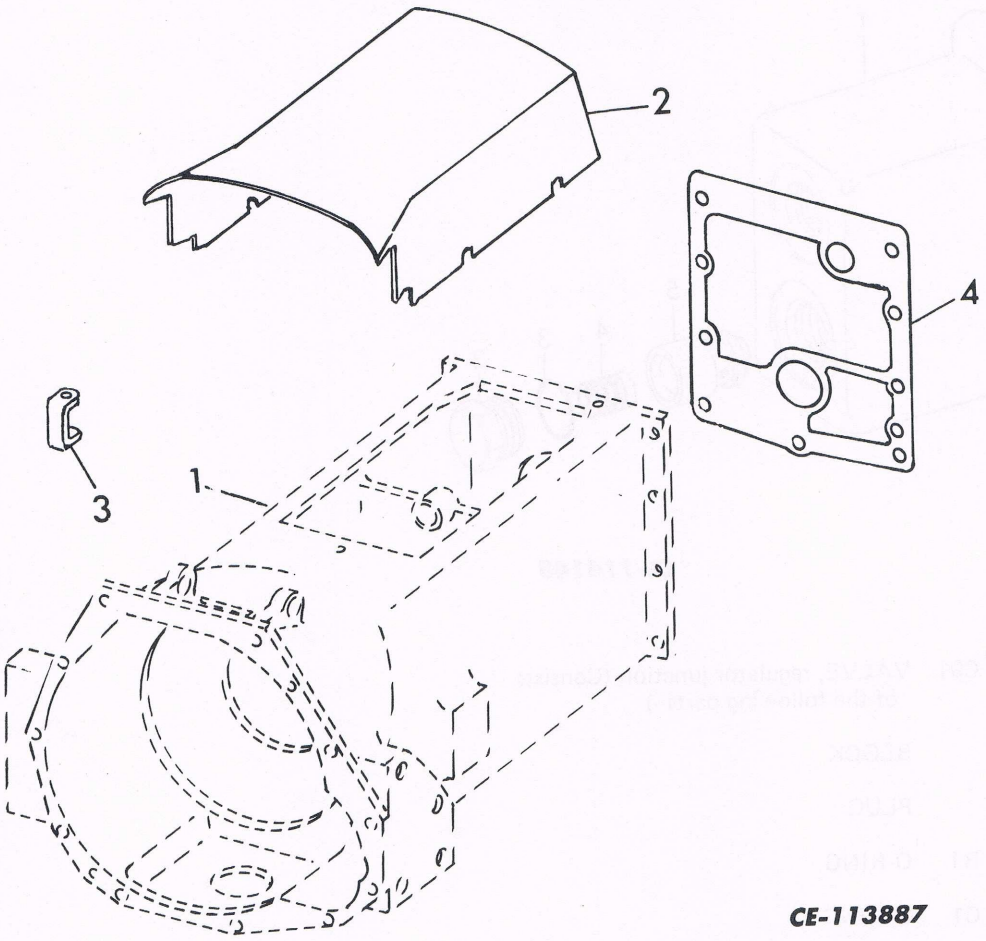
TORQUE CONVERTER TRANSMISSION
(Regulator Junction Valve)



CE-114148

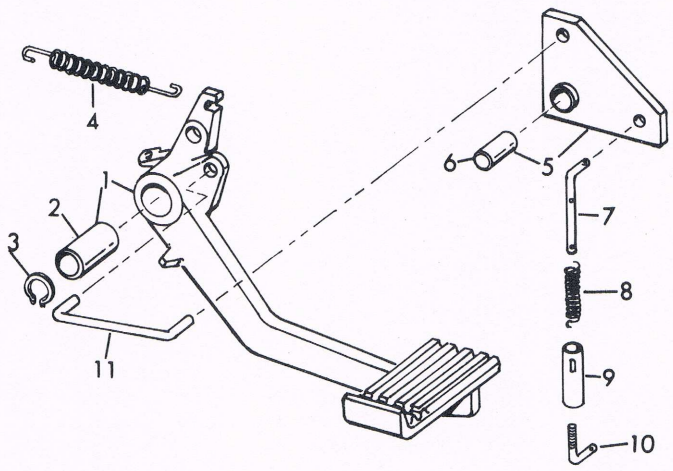
	110 558 C91	VALVE, regulator junction (Consists of the following parts -)
1	$	BLOCK
2	9 410 359	PLUG
3	570 828 R1	O-RING
4	110 560 C1	SPRING
5	110 561 C1	VALVE, poppet

TORQUE CONVERTER HOUSING RELATED PARTS



REF. NO.	PART NUMBER	DESCRIPTION
1		HOUSING (Refer to Housing and Covers under TORQUE CONVERTER TRANSMISSION heading)
2	115 794 C1	COVER, support housing
	445 957	SCREW (4)
	451 699	SCREW, lock (2)
3	70 439 C1	BAR, support
	179 846	BOLT
4	399 814 R4	GASKET, housing to rear frame

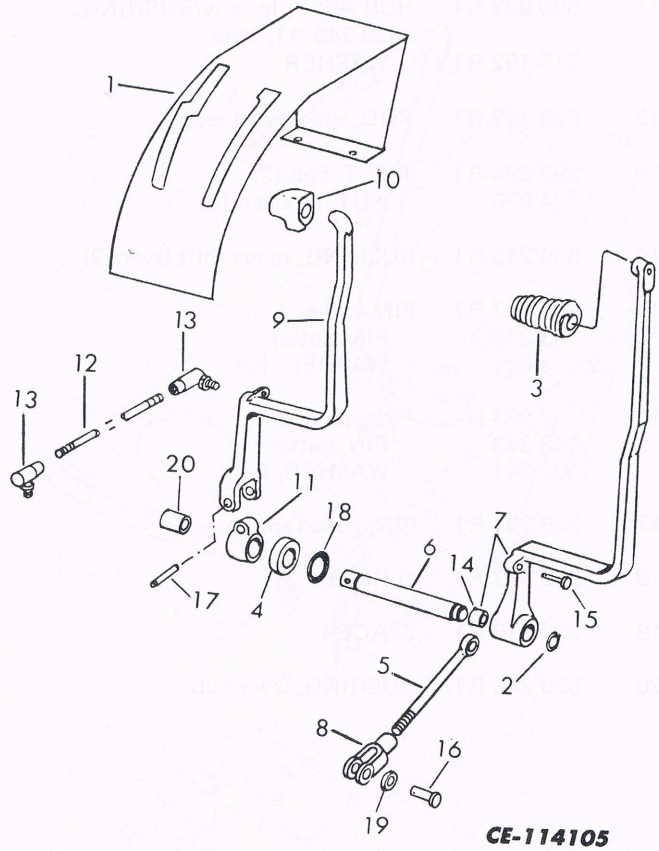
CLUTCH PEDAL (DUMP)
(For Machines Equipped w/Torque Converter Transmission)



CE-114151

REF. NO.	PART NUMBER	DESCRIPTION
1	530 805 R3	PEDAL ASSY w/BUSHING, 539 246 R1
	23 183 R1	WASHER
	273 355	FITTING, lube
2	539 246 R1	BUSHING
3	454 331 R1	RING, snap
4	399 743 R1	SPRING, pedal return
	138 675	SCREW, set
	114 502	NUT, jam
5	115 815 C91	ARM, w/BUSHING, 535 966 R1
6	535 966 R1	BUSHING
7	115 813 C1	ROD, upper dump spool
	120 392	WASHER (2)
	19 310 R1	PIN, coiled spring
	103 372	PIN, cotter
8	366 604 R2	SPRING
9	1 200 984 C1	TUBE, dump spool
10	115 812 C1	ROD, lower dump spool
	103 372	PIN, cotter (2)
	120 392	WASHER
	120 613	NUT
11	115 800 C1	ROD, dump-link

TRANSMISSION CONTROL
(Torque Converter Transmission)



CE-114105

REF. NO.	PART NUMBER	DESCRIPTION
1	115 850 C1	HOUSING, shift pattern
2	454 331 R1	RING, retaining
3	528 138 R1	HANDLE, range shift lever
	426 372	BOLT, soc-hd
4	534 260 R1	SPACER, shift lever
5	528 139 R1	ROD, range shift
	124 925	NUT, hex jam
6	527 853 R1	SHAFT, pivot
7	530 536 R1	LEVER, range shift
8	104 038	CLEVIS, rod end
9	530 532 R1	LEVER, speed shift
10	379 022 R2	KNOB, speed shift lever

REF. NO.	PART NUMBER	DESCRIPTION
		TRANSMISSION CONTROL – Continued (Torque Converter Transmission)
11	530 932 R1	HUB ASSY, lever w/BUSHING, 539 245 R1, lever
	615 192 R1	WASHER
12	528 122 R1	ROD, speed shift lever
13	392 594 R1	JOINT, ball (2)
	124 925	NUT, hex jam (3)
14	539 245 R1	BUSHING, range shift lever (2)
15	865 197 R1	PIN, rod end
	103 373	PIN, cotter
Q	3 641	WASHER, flat
16	52 983 H	PIN, rod end
	103 373	PIN, cotter
	103 341	WASHER, flat
17	366 281 R1	PIN, coiled spring
18	350 667 R1	O-RING
19	309 710 R1	SPACER
20	539 245 R1	BUSHING, lever hub

REF. NO.	PART NUMBER	DESCRIPTION

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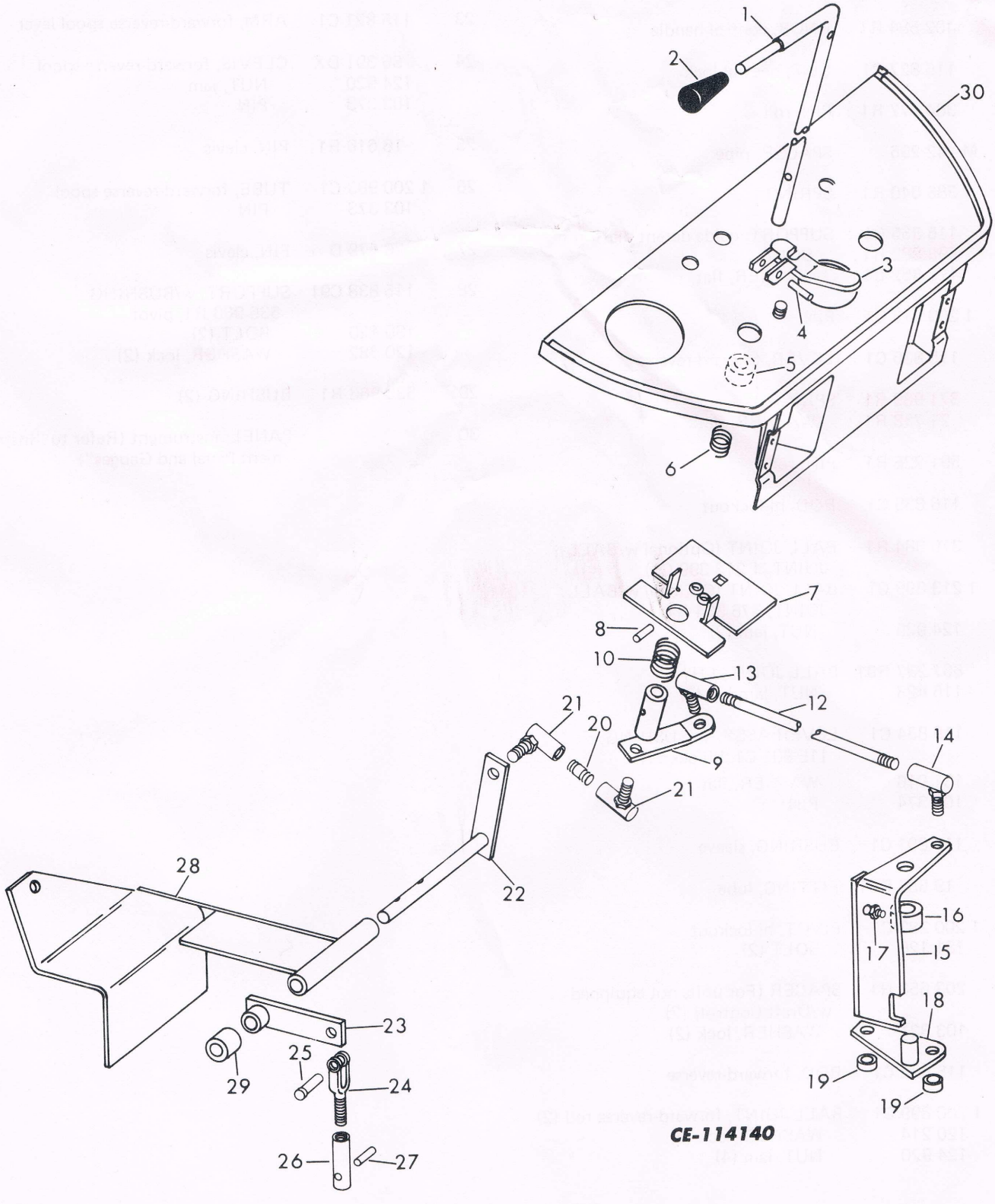
REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

FORWARD-REVERSE DIRECTIONAL CONTROLS
(Torque Converter Transmission)



REF. NO.	PART NUMBER	DESCRIPTION
FORWARD-REVERSE DIRECTIONAL CONTROLS – Continued (Torque Converter Transmission)		
1	115 851 C1	ROD, control handle
2	402 584 R1	KNOB, control handle
3	115 827 C1	CLIP, neutral lock
4	364 577 R1	PIN, roll
5	M 42 296	SPACER, pipe
6	386 040 R1	SPRING
7	115 855 C1	SUPPORT, guide detent platform
	598 802 R1	BOLT
	475 852 R1	WASHER, flat
8	1 200 919 C1	PIN
9	115 836 C1	LEVER, forward-reverse
10	371 989 R1	SPRING
	21 758 R1	WASHER, flat
11	591 225 R1	PIN, roll
12	115 835 C1	ROD, hi-lockout
13	376 384 R1	BALL JOINT (Optional w/BALL JOINT, 1 213 399 C1)
13	1 213 399 C1	BALL JOINT (Optional w/BALL JOINT, 376 384 R1)
	124 925	NUT, jam (2)
14	667 237 R91	BALL JOINT, LH
	116 428	NUT, jam LH (2)
15	115 834 C1	LEVER ASSY, w/BUSHING, 115 801 C1, hi-lockout
	131 016	WASHER, flat
	103 374	PIN
16	115 801 C1	BUSHING, sleeve
17	19 588 R91	FITTING, lube
18	1 200 283 C1	PIVOT, hi-lockout
	181 126	BOLT (2)
19	203 658 H1	SPACER (For units not equipped w/Draft Control) (2)
	103 321	WASHER, lock (2)
20	115 822 C1	ROD, forward-reverse
21	1 200 899 C1	BALL JOINT, forward-reverse rod (2)
	120 214	WASHER, lock (2)
	124 920	NUT, jam (4)
22	115 833 C1	ARM, forward-reverse
	120 394	WASHER, flat
	103 384	PIN
23	115 821 C1	ARM, forward-reverse spool lever
24	56 391 DX	CLEVIS, forward-reverse spool
	124 920	NUT, jam
	103 373	PIN
25	16 616 R1	PIN, clevis
26	1 200 983 C1	TUBE, forward-reverse spool
	103 373	PIN
27	26 479 D	PIN, clevis
28	115 838 C91	SUPPORT, w/BUSHING 535 966 R1, pivot
	180 120	BOLT (2)
	120 382	WASHER, lock (2)
29	535 966 R1	BUSHING (2)
30		PANEL, instrument (Refer to "Instrument Panel and Gauges")

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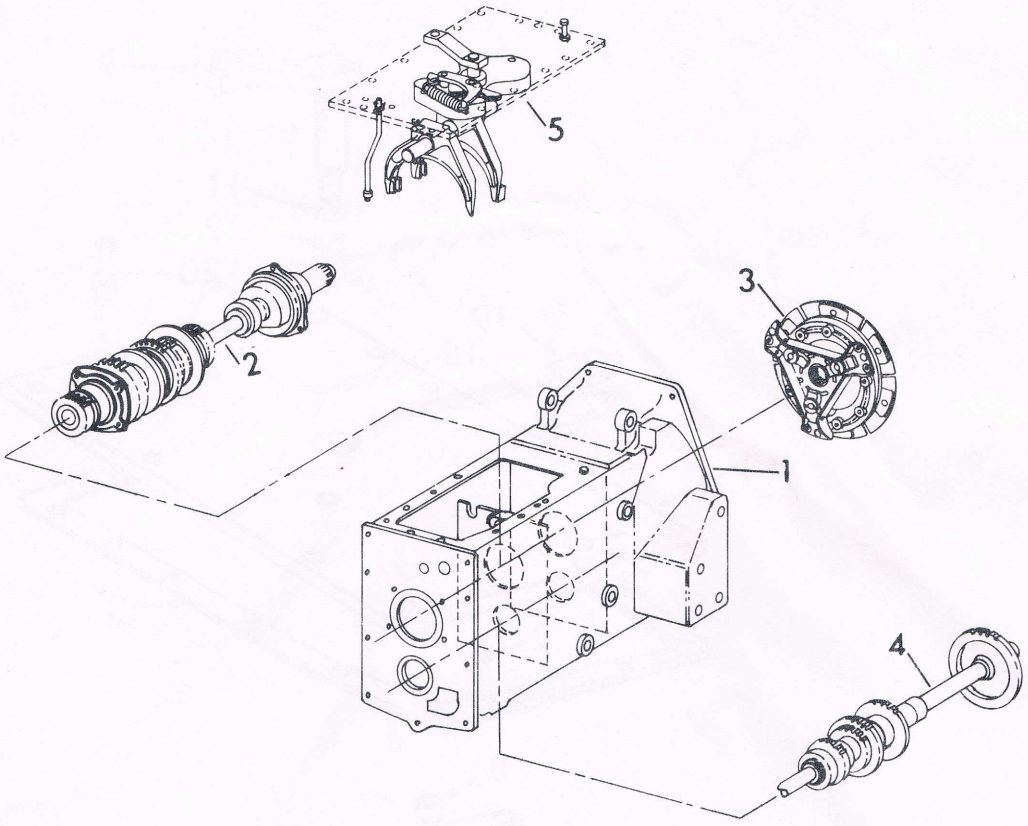
REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

SYNCHROMESH TRANSMISSION

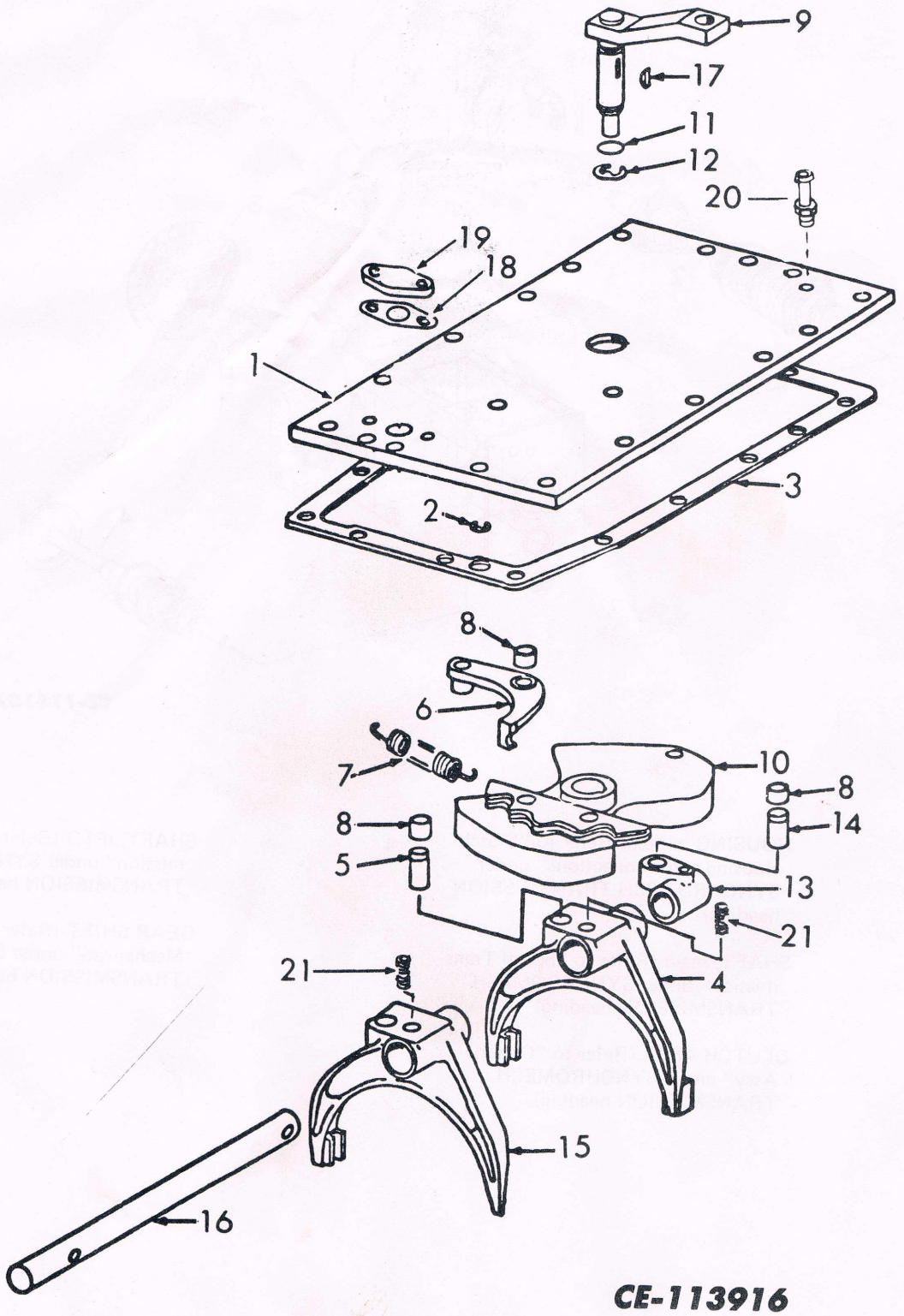


CE-114107

1	HOUSING, clutch (Refer to "Clutch Housing and Connections" under SYNCHROMESH TRANSMISSION heading)	4	SHAFT, IPTO (Refer to "Speed Transmission" under SYNCHROMESH TRANSMISSION heading)
2	SHAFT, main (Refer to "Speed Transmission" under SYNCHROMESH TRANSMISSION heading)	5	GEAR SHIFT (Refer to "Gear Shift Mechanism" under SYNCHROMESH TRANSMISSION heading)
3	CLUTCH ASSY (Refer to "Clutch Assy" under SYNCHROMESH TRANSMISSION heading)		

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

SYNCHROMESH TRANSMISSION
(Gear Shift Mechanism) (In Clutch Housing)



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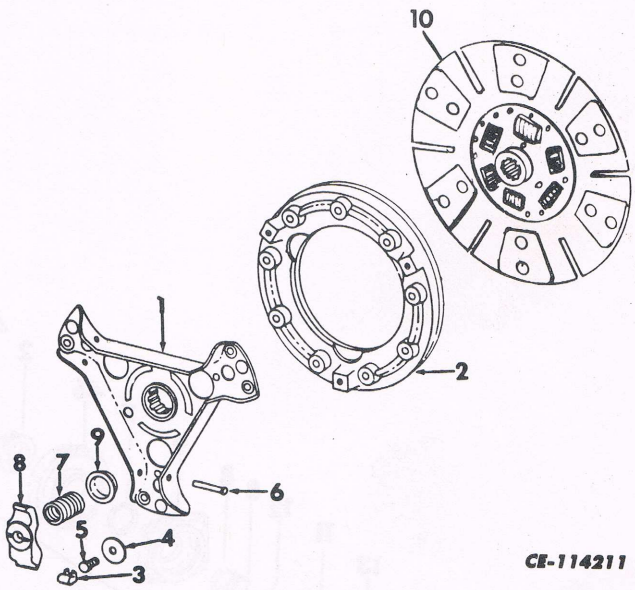
REF. NO.	PART NUMBER	DESCRIPTION
		SYNCHROMESH TRANSMISSION – Continued (Gear Shift Mechanism) (In Clutch Housing)
1	105 827 C1	COVER ASSY w/o brazed inlet tube, clutch housing top
	179 839	BOLT (16)
	570 828 R1	O-RING
	9 410 359	PLUG
	103 321	WASHER, lock (16)
2	370 290 R1	RING, retaining
3	401 019 R3	GASKET, top cover (Synchromesh transmission)
4	401 697 R91	FORK w/PIN, 383 438 R1, 3rd and 4th speed shift
5	383 438 R1	PIN, dowel
6	382 565 R21	ARM, shifter control
7	383 997 R1	SPRING, control arm
8	380 115 R2	ROLLER, cam (3)
9	404 734 R1	ARM, actuating
10	399 455 R93	CAM, shaft (Optional w/67 135 C1)
10	67 135 C1	CAM, shift (Optional with 399 455 R93)
11	352 221 R1	O-RING
12	603 570 R1	RING, retaining
13	401 694 R11	HUB w/PIN, 383 438 R1, 1st and 2nd speed shift
14	383 438 R1	PIN, dowel
15	401 695 R2	FORK, 1st and 2nd speed shift
16	401 696 R1	ROD, 1st and 2nd speed shift
17	106 751	KEY, Woodruff
18	534 420 R1	GASKET, pressure lube
19	539 536 R1	COVER, lube pressure
	181 311	BOLT (2)
	103 319	WASHER, lock (2)
20	105 826 C1	ADAPTER
	11 002 VA	WASHER, flat
21	25 155 R1	PIN, roll (2)

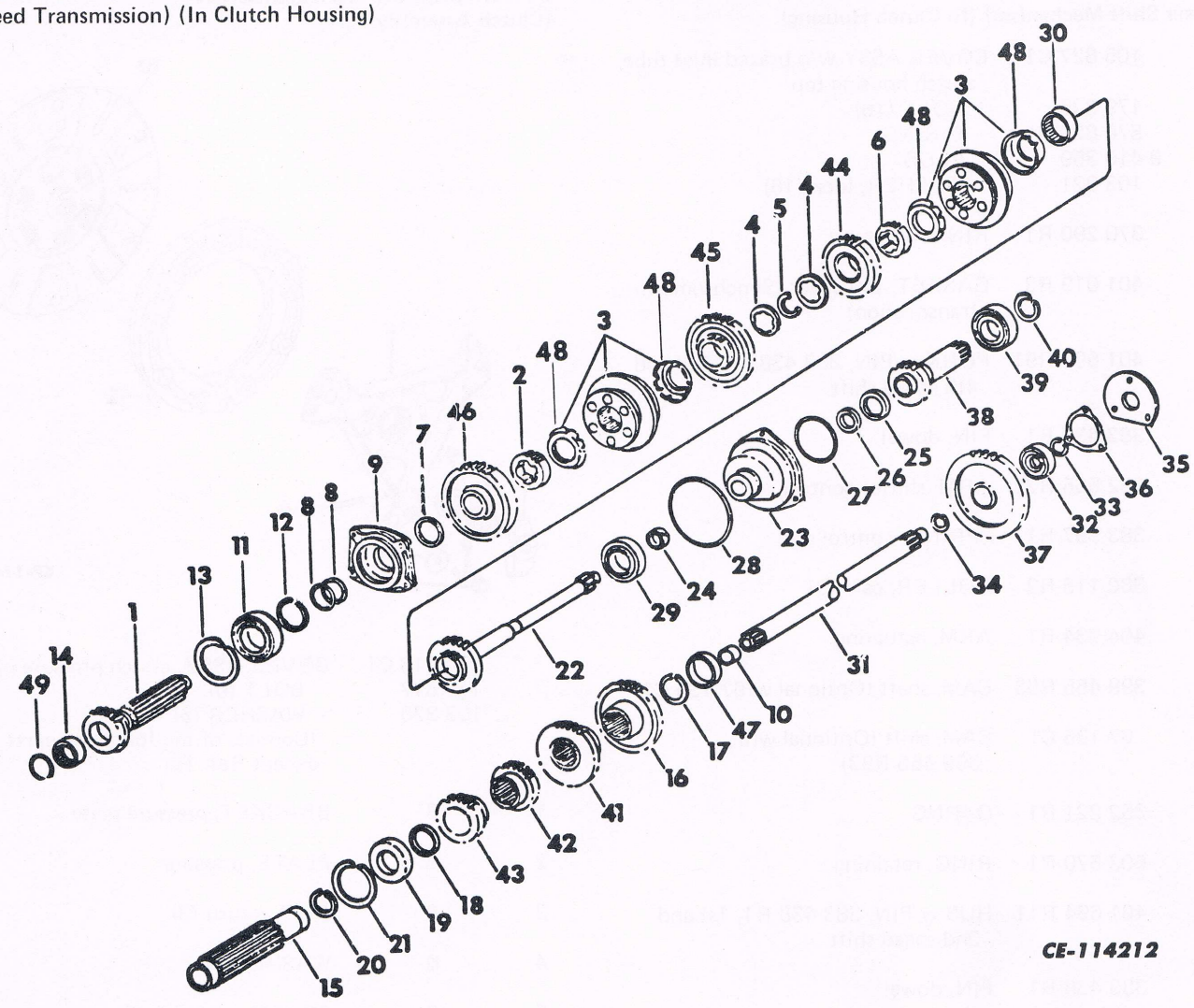
REF. NO.	PART NUMBER	DESCRIPTION
		SYNCHROMESH TRANSMISSION (Clutch Assembly)



CE-114211

	70 716 C1	COVER ASSY, clutch pressure plate
	179 817	BOLT (6)
	103 320	WASHER (6)
		(Consists of the following parts except Ref. 10)
1	$	BRACKET, pressure plate
2	$	PLATE, pressure
3	$	CLIP, return (3)
4	$	WASHER (3)
5	$	SCREW, adjusting (3)
		NUT (3)
6	$	PIN, pivot (3)
7	$	SPRING, pressure (3)
8	$	LEVER (3)
9	$	CUP, spring (3)
10	70 093 C91	PLATE ASSY, clutch driven disc

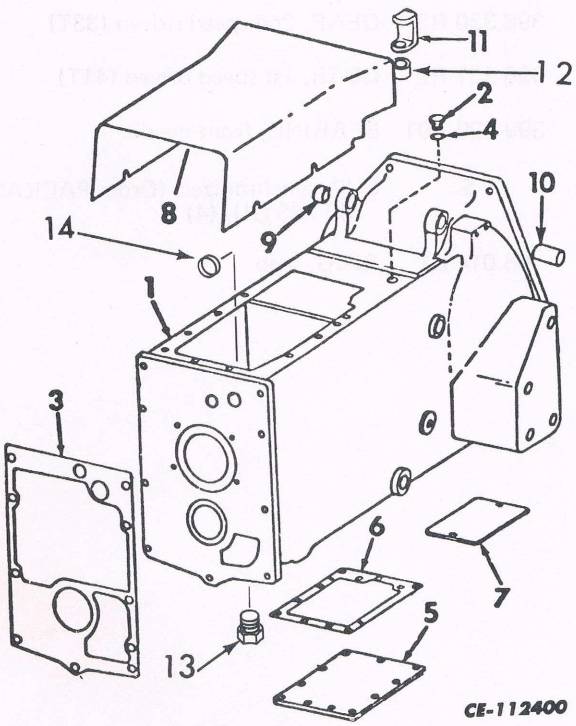
SYNCHROMESH TRANSMISSION
(Speed Transmission) (In Clutch Housing)



REF. NO.	PART NUMBER	DESCRIPTION
1	65 258 C1	SHAFT, main
2	398 325 R1	HUB, 1st and 2nd speed shift
3	65 793 C1	PACKAGE, synchronizer service (2)
4	398 328 R2	WASHER, thrust (2)
5	398 329 R1	RING, snap
6	398 325 R1	HUB, 3rd and 4th speed shift
7	398 332 R1	WASHER
8	404 281 R1	RING, seal (2)
9	534 411 R1	CAGE, bearing
	179 839	BOLT (4)
10	533 325 R91	BEARING, needle
11	ST 264	BEARING, ball
12	327 068 R1	RING, inner snap
13	398 334 R1	RING, outer snap
14	613 639 C91	BEARING, main shaft needle
15	404 089 R1	COUNTERSHAFT, speed transmission
16	404 090 R1	GEAR, constant mesh driven (39T)

REF. NO.	PART NUMBER	DESCRIPTION
SYNCHROMESH TRANSMISSION (Speed Transmission) (In Clutch Housing) – Continued		
17	398 264 R1	RING, snap
18	398 268 R1	BUSHING, spacer
19	ST 201	BEARING, ball
20	379 511 R1	RING, outer snap
21	574 964 R1	RING, inner snap
22	398 320 R3	SHAFT, clutch
23	398 318 R21	CAGE w/BUSHING, 398 319 R1, bearing
24	398 319 R1	BUSHING, clutch shaft
25	376 930 R91	SEAL, oil
26	114 578 C1	SEAL, clutch shaft oil (Optional w/105 578 C1)
26	105 758 C1	SEAL, oil (Optional w/114 578 C1)
27	355 740 R1	O-RING
28	343 942 R1	O-RING
29	ST 243	BEARING, ball
30	531 168 R91	BEARING, needle
31	536 748 R1	SHAFT, IPTO driven
32	ST 367	BEARING, front ball
33	555 601 R1	RING, snap
34	399 837 R1	RING, snap
35	398 259 R1 179 838	RETAINER BOLT (3)
36	398 260 R2	GASKET, front bearing
37	404 214 R1	GEAR, IPTO driven (46T)
38	71 230 C1	SHAFT, IPTO drive
39	ST 342	BEARING, ball
40	379 511 R1	RING, snap
41	404 091 R1	GEAR, 4th speed drive (43T)
42	404 092 R1	GEAR, 2nd speed drive (34T)
43	404 093 R1	GEAR, 1st speed drive (26T)
44	398 327 R3	GEAR, 4th speed driven (24T)
45	398 330 R3	GEAR, 2nd speed driven (33T)
46	398 331 R2	GEAR, 1st speed driven (41T)
47	399 820 R91	BEARING, front needle
48	$	CUP, synchronizer (Order PACKAGE, 65 793 C1) (4)
49	66 014 C1	RING, snap

SYNCHROMESH TRANSMISSION
(Clutch Housing and Connections)



REF. NO.	PART NUMBER	DESCRIPTION
1	$	HOUSING, clutch
	340 340 R1	BOLT, 1-1/2" long (9)
	179 887	BOLT, 1-3/4" long (4)
	179 895	BOLT, 3-1/2" long (2)
	179 894	BOLT, 3-1/4" long (2)
	179 896	BOLT, 3-3/4" long (2)
	186 295	BOLT, 5-1/2" long (2)
	102 637	NUT, hex (2)
	103 323	WASHER, lock (2)
2	9 410 359	PLUG, O-ring boss
3	399 814 R4	GASKET (To rear frame)
4	570 828 R1	O-RING (TA pressure port plug)
5	402 182 R1	COVER, rear bottom
	179 838	BOLT, (11)
	103 321	WASHER (11)
6	402 556 R2	GASKET, rear bottom cover
7	399 817 R1	COVER, clutch compartment
	179 835	BOLT (2)
8	66 290 C1	COVER, housing
	445 957	SCREW (4)
9	539 245 R1	BUSHING, clutch and brake shaft
10	537 099 R1	BUSHING, LH pivot (Optional with 539 834 R1)
10	539 834 R1	BUSHING, LH pivot (Optional with 537 099 R1)
11	70 439 C1	BAR, support
	179 846	BOLT
12	401 941 R1	SPACER, mounting (short) (Not required on units with draft control)
13	3 113 103 R1	PLUG, drain
14	327 411 R1	PLUG
	537 096 R94	HOUSING ASSY, clutch (Consists of -
	1 BUSHING	537 099 R1
		or 539 834 R1
	1 BUSHING	539 245 R1
	1 HOUSING	$
	2 PIN	19 904 R1
	1 PIN	20 556 R1
	1 PIN	19 962 R1
	1 PLUG	327 411 R1
	1 PLUG	3 113 103 R1)

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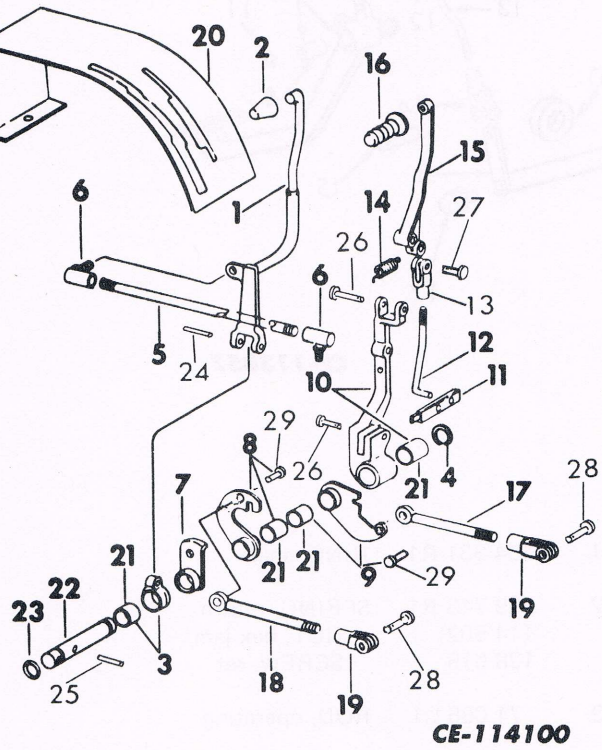
TRANSMISSION CONTROL
(Synchromesh Transmission)



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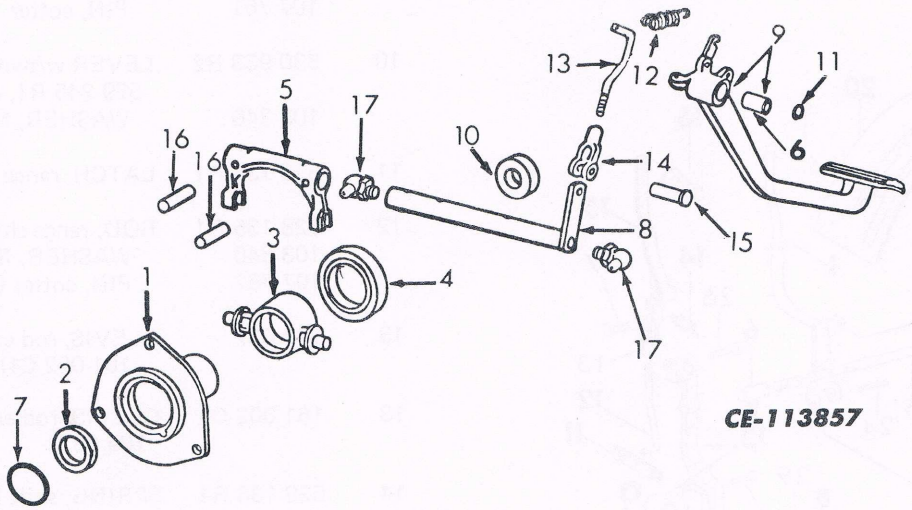
REF. NO.	PART NUMBER	DESCRIPTION
1	530 532 R1	LEVER, speed shift
2	379 022 R2	KNOB, speed shift lever
3	530 932 R1	HUB ASSY, lever
	615 192 R1	WASHER, flat
4	454 331 R1	RING, retaining
5	528 122 R1	ROD, speed shift lever
6	190 136	JOINT, ball (Optional w/ 442 708 and 158 397 H1) (2)
6	442 708	JOINT, ball (Optional w/ 158 397 H1 and 190 136) (2)
6	158 397 H1	JOINT, ball (Optional w/190 136 and 442 708) (2)
	103 026	NUT, jam (3)
7	528 123 R1	GATE, range shift
8	528 126 R2	LEVER ASSY, w/PIN 262 558 R1, idler shaft inner
Q	3 641	WASHER
	107 761	PIN, cotter
9	528 129 R1	LEVER ASSY, w/PIN 262 558 R1, idler shaft outer
Q	3 641	WASHER
	107 761	PIN, cotter
10	530 933 R2	LEVER w/two BUSHINGS, 539 245 R1, range shift
	103 340	WASHER, flat (2)
11	528 134 R1	LATCH, range shift lever
12	528 135 R1	ROD, range shift lever
	103 340	WASHER, flat (2)
	107 762	PIN, cotter (2)
13	104 037	CLEVIS, rod end (Optional with 161 002 C1)
13	161 002 C1	CLEVIS, rod end (Optional with 104 037)
14	528 136 R1	SPRING, shift lever return
15	528 137 R1	LEVER, range shift upper
16	528 138 R1	HANDLE, range shift upper lever
	426 372	BOLT, soc-hd
17	528 139 R1	ROD, range shift front
	124 925	NUT, hex jam
18	528 141 R1	ROD, range shift rear
	124 925	NUT, hex jam
19	116 536	CLEVIS, rod end (Optional with 161 003 C1) (2)
19	161 003 C1	CLEVIS, rod end (Optional with 116 536) (2)
Q	3 641	WASHER, flat
20	528 784 R92	HOUSING, shift
21	539 245 R1	BUSHING (5)
22	402 152 R1	SHAFT, range transmission shift lever idler
23	350 667 R1	O-RING
24	366 281 R1	PIN, coiled spring
25	617 940 R1	PIN, coiled spring
26	22 963 R1	PIN, standard head (2)
	103 384	PIN, cotter (2)
27	39 374 D	PIN, rod end
28	865 197 R1	PIN, rod end (2)
	103 373	PIN, cotter (2)
29	262 558 R1	PIN (2)

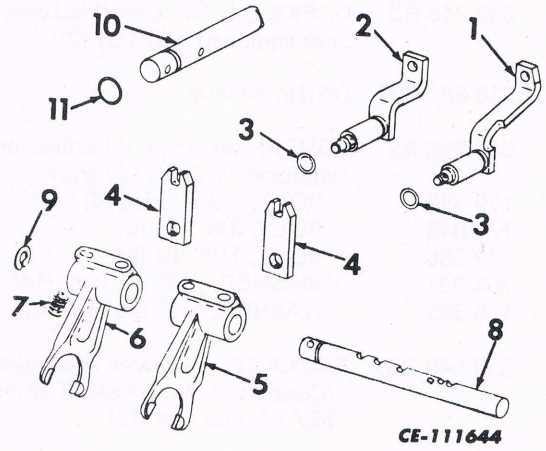
CLUTCH CONTROLS
(Synchromesh Transmission)



REF. NO.	PART NUMBER	DESCRIPTION
1	71 229 C1	CARRIER, release sleeve
	179 842	BOLT (3)
	103 341	WASHER, lock (3)
2	108 982 C1	SEAL, oil (Optional with 108 735 C1)
2	108 735 C1	SEAL, oil (Optional with 108 982 C1)
3	105 445 C1	SLEEVE, release
4	158 125 C91	BEARING, ball (Prelubricated)
5	398 342 R1	FORK, release
6	539 246 R1	BUSHING, pedal
7		O-RING, cage (Refer to "Speed Transmission")
8	398 237 R2	SHAFT, release
9	530 805 R3	PEDAL ASSY, clutch
	23 183 R1	WASHER, flat
10	537 290 R91	BEARING, ball
11	454 331 R1	RING, snap
12	399 743 R1	SPRING, return
	114 502	NUT, hex jam
	138 675	SCREW, set
13	71 086 C1	ROD, operating
14	104 038	CLEVIS, rod end
	114 494	NUT, hex jam
15	103 496	PIN, rod end
	107 762	PIN, cotter (2)
16	617 938 R1	PIN, coiled spring (2)
17	20 605 R1	FITTING, lube (2)

REF. NO.	PART NUMBER	DESCRIPTION

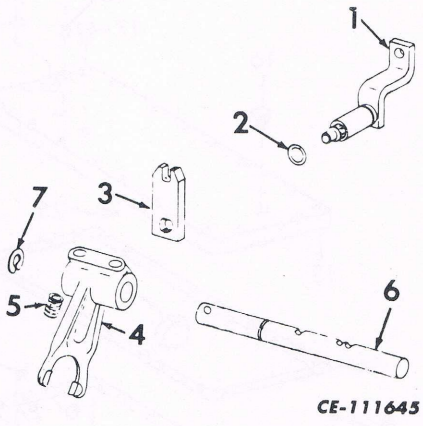
GEAR SHIFT MECHANISM
(Synchromesh Transmission) (In Rear Frame)



1	405 164 R3	ARM, outer front
Q	3 501	WASHER (2)
2	405 167 R2	ARM, outer rear
Q	3 501	WASHER (2)
3	377 952 R1	O-RING (2)
4	405 169 R2	ARM, inner (2)
	19 605 R1	NUT (2)
5	538 911 R4	FORK, front
6	538 912 R4	FORK, rear
7	534 053 R1	SPRING, poppet ball (2)
	17 013 R1	BALL, (Optional w/BALL, 16 013 R1) (2)
	16 013 R1	BALL, (Optional w/BALL, 17 013 R1) (2)
8	537 473 R1	RAIL, fork
	20 122 R1	PIN
9	661 652 R1	RING, snap
	19 885 R1	PIN
10		SHAFT, shift lever idler (Refer to TRANSMISSION CONTROL [Synchromesh Transmission])
11		O-RING (Refer to TRANSMISSION CONTROL [Synchromesh Transmission])

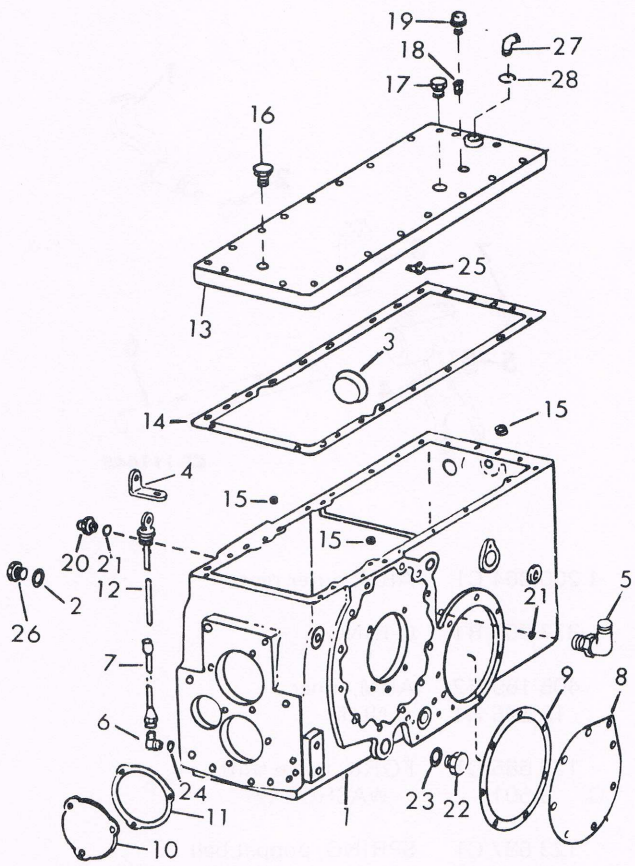
REF. NO.	PART NUMBER	DESCRIPTION

GEAR SHIFT MECHANISM
(Torque Converter or Hydrostatic Drive) (In Rear Frame)



1	1 200 364 C1	ARM, outer rear
2	377 952 R1	O-RING
3	405 169 R2	ARM, inner
	19 605 R1	NUT
4	123 685 C1	FORK, range shift
Q	3 501	WASHER (2)
5	123 687 C1	SPRING, poppet ball
	17 013 R1	BALL (Optional w/BALL, 16 013 R1)
	16 013 R1	BALL, (Optional w/BALL, 17 013 R1)
6	123 688 C1	RAIL, fork
	20 122 R1	PIN
7	661 652 R1	RING, snap
	19 885 R1	PIN

REAR FRAME, COVER AND CONNECTIONS



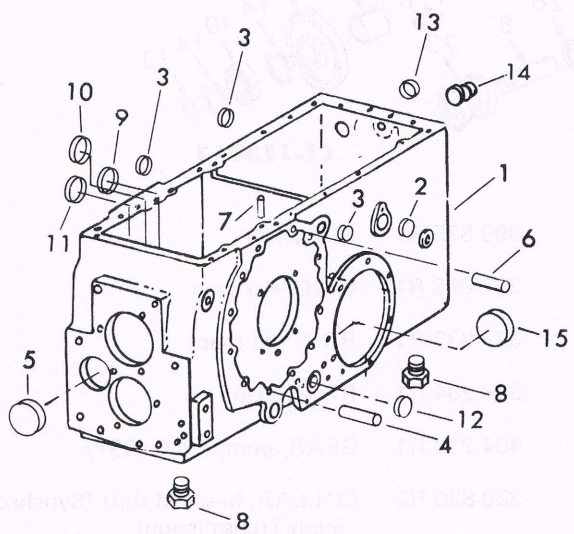
CE-114097

REF. NO.	PART NUMBER	DESCRIPTION
1		FRAME, rear (Refer to "Rear Frame Assembly)
2	369 751 R1	O-RING
3		PLUG, oil reservoir (Refer to "Rear Frame Assembly)
4	1 212 989 C1	BRACKET, dipstick lock (@)
	180 073	BOLT
	475 852 R1	NUT
	106 263	WASHER, flat
5		ELBOW, RH brake tube (Refer to "Brake Tubing and Connections")
6	615 667 C1	ELBOW, oil level gage
7	1 212 880 C91	TUBE, oil level gage
8	405 738 R1	COVER, side PTO
	179 837	BOLT, 3/4" long (5)
	179 839	BOLT, 1" long (2)
9	405 739 R2	GASKET, side cover
10	399 842 R1	COVER, rear frame IPTO (Machines not equipped w/IPTO) (2)
	179 837	BOLT (6)
11	399 843 R3	GASKET, IPTO cover (Machines not equipped w/IPTO) (2)
12	1 212 881 C91	GAGE, oil level
13	537 628 R2	COVER, rear frame (Machines not equipped w/Draft Control)
	179 842	BOLT, 1-3/8" long (8)
	179 843	BOLT, 3/8" dia (6)
	179 886	BOLT, 1/2" dia (6)
	103 321	WASHER, 3/8" dia lock (14)
	103 323	WASHER, 1/2" dia lock (6)
14	538 649 R92	PACKAGE, rear frame cover gasket (Consists of one GASKET and three SEALS, 406 734 R1)
15	406 734 R1	SEAL, teflon (%) (3)
16	23 391 R1	PLUG, pipe
17	444 676	PLUG (Machines not equipped w/ Draft Control)
18	142 269	ADAPTER (Machines not equipped w/Draft Control)
19	65 970 C2	BREATHER, housing
20		UNION, LH brake tube (Refer to "Brake Tubing and Connections")
21		O-RING (Refer to "Brake Tubing and Connections")
22	9 410 363	PLUG
23	296 247 C1	O-RING
24	364 839 R1	O-RING
25	82 301 R1	SCREW, brake bleed (Optional w/SCREW 3 068 777 R1) (2)
25	3 068 777 R1	SCREW, brake bleed (Optional w/ SCREW 82 301 R1) (2)
26	9 410 356	PLUG (Machines not equipped w/ IPTO)
27	9 410 977	ELBOW (PAY Tractor w/Synchro-mesh Transmission and PAY Loader w/Torque Converter Transmission)

(%) Also part of PACKAGE, 538 649 R91
(@) Also part of Anti-Vandalism PACKAGE, 1 213 030 C91

REF. NO.	PART NUMBER	DESCRIPTION
REAR FRAME, COVER AND CONNECTIONS – Continued		
27	9 410 359	PLUG (PAYloader w/Synchro-mesh Transmission and Hydrostatic Drive) (PAYtractor w/Hydrostatic Drive)
28	570 828 R1	O-RING (Machines w/Synchromesh and Torque Converter Transmissions)

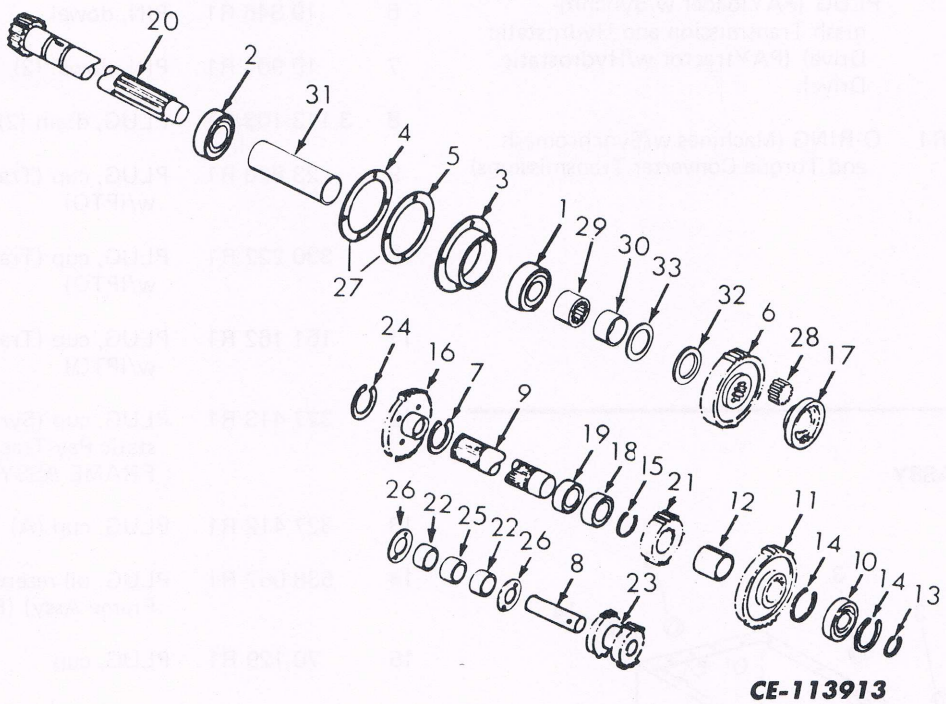
REAR FRAME ASSY



CE-113907

A	399 848 R51	FRAME ASSY, rear (Synchromesh and Torque Converter)
B	399 849 R95	FRAME ASSY, rear (Hydrostatic Drive)
1	$	FRAME, rear
2	349 373 R1	PLUG, cup (A)
3	386 194 R1	PLUG, cup (A qty 2) (B qty 3)
4	19 875 R1	PIN, dowel (4)
5	512 870 R1	PLUG, cup (Tractors not equipped w/IPTO)
6	19 846 R1	PIN, dowel
7	19 904 R1	PIN, dowel (2)
8	3 113 103 R1	PLUG, drain (2)
9	23 828 R1	PLUG, cup (Tractors not equipped w/IPTO)
10	330 222 R1	PLUG, cup (Tractors not equipped w/IPTO)
11	151 162 R1	PLUG, cup (Tractors not equipped w/IPTO)
12	327 413 R1	PLUG, cup (Synchromesh and Hydro-static Pay Tractor) (Not part of FRAME ASSY)
13	327 412 R1	PLUG, cup (A)
14	538 057 R1	PLUG, oil reservoir (Not part of Frame Assy) (B)
15	70 129 R1	PLUG, cup

RANGE TRANSMISSION
(In Rear Frame)



CE-113913

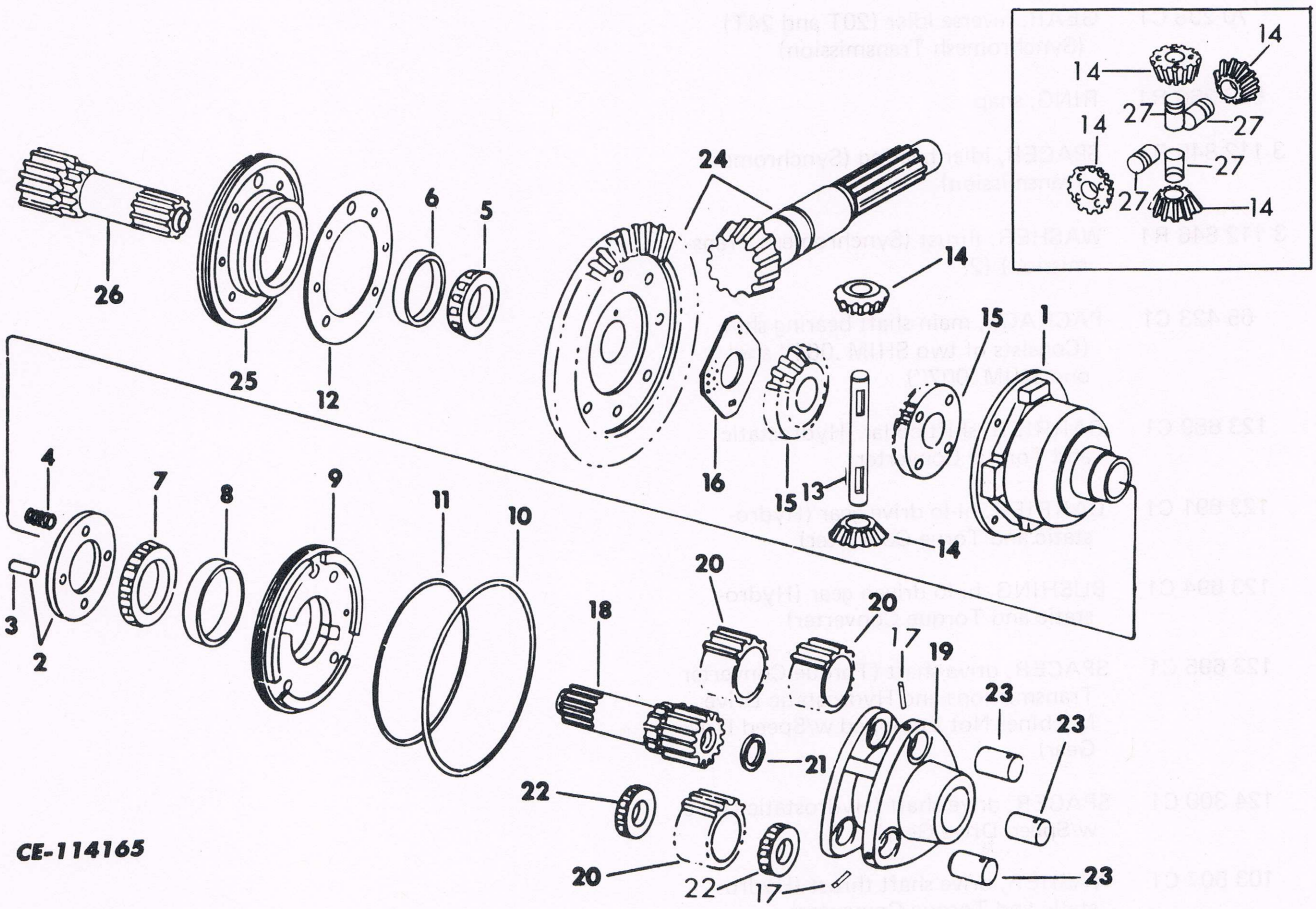
REF. NO.	PART NUMBER	DESCRIPTION
1	399 821 R91	BEARING, main shaft front
2	399 823 R91	BEARING, main shaft rear
3	399 825 R1	CAGE, main shaft bearing
	179 841	BOLT (4)
4	(+)	SHIM (.004) (2)
5	(+)	SHIM (.007)
6	399 462 R1	GEAR, hi-lo sliding (42T) (Synchro-mesh Transmission)
6	123 692 C1	GEAR ASSY, hi-lo driven, w/BUSHING, 123 694 C1 (42T) (Hydrostatic and Torque Converter Transmission)
7	399 837 R1	RING, snap
8	399 838 R3	SHAFT, reverse idler (Synchromesh Transmission)
	366 281 R1	PIN, coiled spring
9	404 096 R1	COUNTERSHAFT, range transmission
10	ST 572	BEARING, ball (Optional w/ST 649)
10	ST 649	BEARING, ball (Optional w/ST 572)
11	404 097 R1	GEAR, constant mesh (46T)
12	399 835 R1	BUSHING
13	327 068 R1	RING, ext snap
14	399 832 R1	RING, int snap
15	398 264 R1	RING, snap
16	404 218 R1	GEAR, pump drive (55T)
17	399 830 R2	COLLAR, hi-speed shift (Synchro-mesh Transmission)
17	123 690 C1	COLLAR, hi-lo shift (Hydrostatic and Torque Converter Transmissions)
18	399 820 R91	BEARING, needle (Synchromesh Transmission)
19	362 251 R91	BEARING, needle (Pump drive gear)
20		SHAFT, main and drive bevel (Refer to DIFFERENTIAL AND CONNECTIONS)
21	103 150 C1	GEAR, lo-range driving (24T)
22	3 113 041 R91	BEARING, needle (Reverse idler gear) (2)

(+) Order PACKAGE, 65 423 C1

REF. NO.	PART NUMBER	DESCRIPTION
		RANGE TRANSMISSION – Continued (In Rear Frame)
23	70 298 C1	GEAR, reverse idler (20T and 24T) (Synchromesh Transmission)
24	533 266 R1	RING, snap
25	3 112 845 R1	SPACER, idler bearing (Synchromesh Transmission)
26	3 112 846 R1	WASHER, thrust (Synchromesh Transmission) (2)
27	65 423 C1	PACKAGE, main shaft bearing shim (Consists of two SHIM .004" and one SHIM .007")
28	123 689 C1	CARRIER, shift collar (Hydrostatic and Torque Converter)
29	123 691 C1	CARRIER, hi-lo drive gear (Hydrostatic and Torue Converter)
30	123 694 C1	BUSHING, hi-lo driven gear (Hydrostatic and Torque Converter)
31	123 695 C1	SPACER, drive shaft (Torque Converter Transmissions and Hydrostatic Drive Machines Not Equipped w/Speed Drive Gear)
31	124 300 C1	SPACER, drive shaft (Hydrostatic Drive w/Speed Drive Gear)
32	103 507 C1	WASHER, drive shaft thrust (Hydrostatic and Torque Converter)
33	103 508 C2	SHIM (.018) (Hydrostatic and Torque Converter) (X)

REF. NO.	PART NUMBER	DESCRIPTION

DIFFERENTIAL AND CONNECTIONS



CE-114165

REF. NO.	PART NUMBER	DESCRIPTION
1	399 763 R1	CARRIER, differential
2	399 764 R11	RING, w/PIN 399 765 R1, differential lock
3	399 765 R1	PIN, coupling (4)
4	400 867 R1	SPRING, differential lock (2)
5	105 503 H	BEARING, LH cone
6	105 496 H	BEARING, LH cup
7	52 843 V	BEARING, RH cone
8	105 497 H	BEARING, RH cup
9	399 770 R1 340 340 R1	CARRIER, RH brg BOLT (4)
10	21 472 R1	O-RING (%) (2)
11	289 506 R1	O-RING (%) (2)
12	65 419 C1	PACKAGE, differential brg carrier shim (Consists of - 1 SHIM .003 $ 1 SHIM .007 $ 1 SHIM .012 $ 1 SHIM .0299 $)
13	399 775 R1	SHAFT, pinion (Synchromesh and Hydrostatic)
14	399 776 R1	GEAR, pinion (10T) (2 used w/ Hydrostatic and Synchromesh) (4 used w/Torque Converter Transmission)
15	404 336 R1	GEAR, bevel (20T) (2)
16	399 778 R1 399 779 R2	WASHER, thrust BOLT, dowel (Hydrostatic and Synchromesh Transmission qty 1) (Torque Converter Transmission qty 4)
	340 340 R1	BOLT, hex-hd (Hydrostatic and Synchromesh Transmission qty 7) (Torque Converter Transmission qty 4)

(%) Also part of PACKAGE, 539 535 R91.

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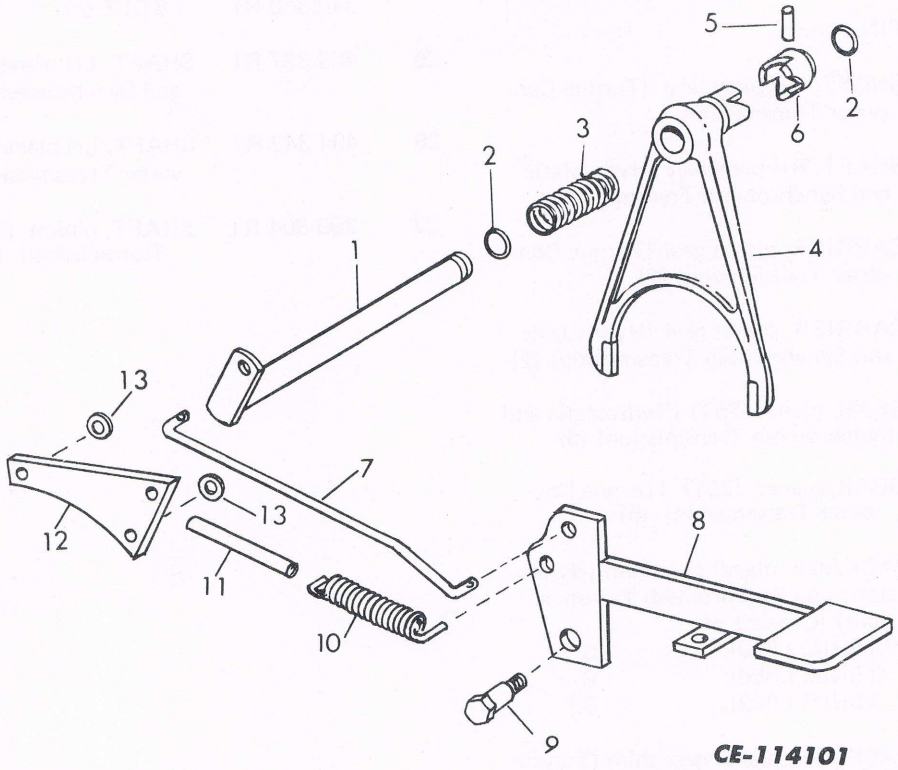
REF. NO.	PART NUMBER	DESCRIPTION
DIFFERENTIAL AND CONNECTIONS – Continued		
17	19 723 R1	PIN, roll (6)
18	404 343 R1	SHAFT, RH planetary (Torque Converter Transmission)
18	404 338 R1	SHAFT, RH planetary (Hydrostatic and Synchromesh Transmissions)
19	1 110 429 C1	CARRIER, planet gear (Torque Converter Transmission) (2)
19	404 339 R2	CARRIER, planet gear (Hydrostatic and Synchromesh Transmission) (2)
20	399 784 R2	GEAR, planet (25T) (Hydrostatic and Synchromesh Transmission) (6)
20	66 128 C2	GEAR, planet (25T) (Torque Converter Transmission) (6)
21	65 420 C1	PACKAGE, planet gear shim (Hydrostatic and Synchromesh Transmissions) (Consists of - 3 SHIM (.049) $ 3 SHIM (.056) $ 3 SHIM (.042) $)
21	65 421 C2	PACKAGE, planet gear shim (Torque Converter Transmission) (Consists of - 3 SHIM (.042) $ 3 SHIM (.049) $ 3 SHIM (.056) $)
22	618 023 R91	BEARING, planet gear cone (Hydrostatic and Synchromesh Transmissions) (12)
22	50 212 VA	BEARING, planet gear cone (Torque Converter Transmission) (12)
23	399 788 R1	PIN, planet shaft (Hydrostatic and Synchromesh Transmissions) (6)
23	399 812 R1	PIN, planet shaft (Torque Converter Transmission) (6)
24	65 255 C1	SET, bevel gears matched (14T) (Consists of - 1 GEAR $ 1 SHAFT $)
25	399 769 R2	CARRIER, LH brg.
	340 340 R1	BOLT (4)
26	404 337 R1	SHAFT, LH planetary (Hydrostatic and Synchromesh Transmissions)
26	404 342 R1	SHAFT, LH planetary (Torque Converter Transmission)
27	399 804 R1	SHAFT, pinion (Torque Converter Transmission) (4)

REF. NO.	PART NUMBER	DESCRIPTION

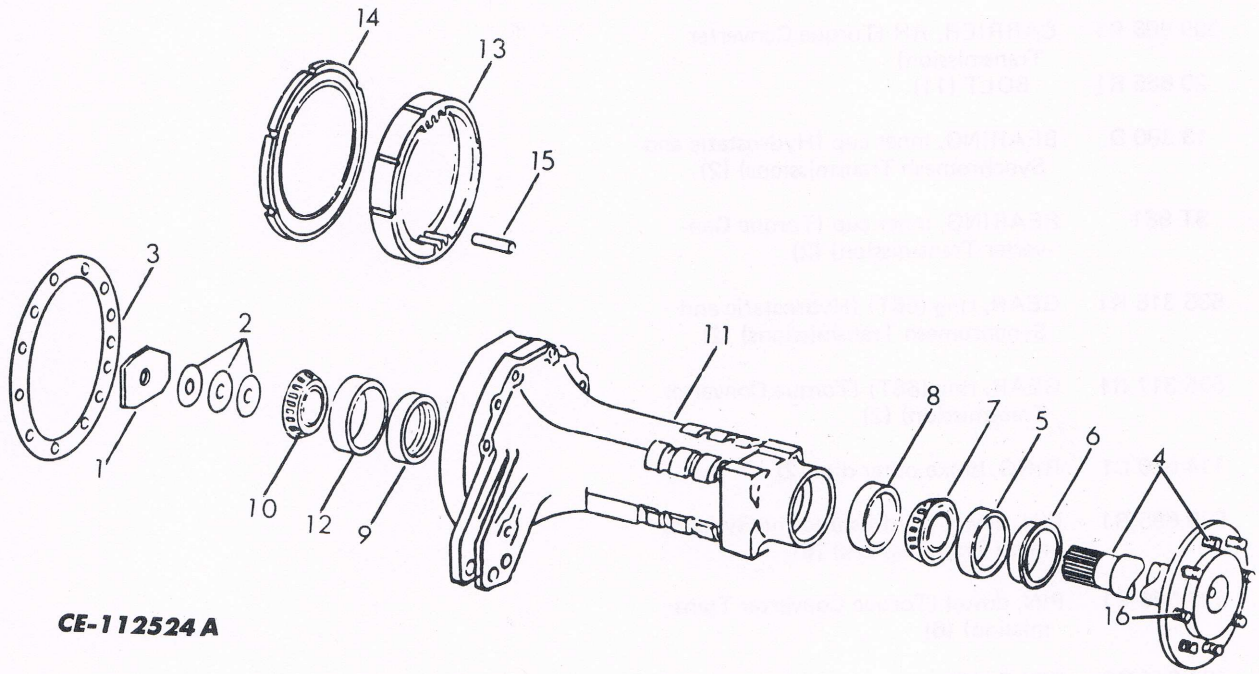
DIFFERENTIAL LOCK



CE-114101

1	527 871 R1	SHAFT
2	352 221 R1	O-RING (2)
3	527 878 R1	SPRING, actuating
4	527 874 R3	FORK
5	19 885 R1	PIN, roll
6	527 877 R1	CAM, actuating
7	115 892 C1	ROD, pedal
	103 384	PIN, cotter (2)
Q	1 597	WASHER, flat (2)
8	115 886 C1	PEDAL
	181 004	BOLT
	124 920	NUT, jam (2)
9	536 920 R2	BOLT, pivot
	131 016	WASHER, flat
10	537 956 R1	SPRING, return
11	115 909 C1	ROD, differential lock
	181 636	BOLT
	124 925	NUT, jam
12	115 891 C1	SUPPORT, spring-anchor
13	614 452 R1	WASHER, flat (2)

REAR AXLE, CARRIER AND CONNECTIONS



CE-112524A

REF. NO.	PART NUMBER	DESCRIPTION
1	399 748 R1	SPACER, planet carrier retainer (2)
	20 668 R1	BOLT (2)
2	65 422 C1	PACKAGE, rear axle retainer shim (Consists of - 3 SHIM (.007) $ 3 SHIM (.012) $ 2 SHIM (.0299) $)
3	399 762 R3	GASKET, carrier (2)
4	404 340 R13	AXLE, rear (Hydrostatic and Synchromesh Transmissions) (2)
4	404 345 R13	AXLE, rear (Torque Converter Transmission) (2)
	3 047 575 R2	NUT (16)
5	105 470 C1	SEAL, outer oil (Hydrostatic and Synchromesh Transmissions) (2)
5	105 471 C1	SEAL, outer oil (Torque Converter Transmission)
6	399 754 R1	SLEEVE, wear (Hydrostatic and Synchromesh Transmissions) (2)
6	399 796 R1	SLEEVE, wear (Torque Converter Transmission) (2)
7	ST 2 001 A	BEARING, outer cone (Hydrostatic and Synchromesh Transmissions) (2)
7	ST 2 129	BEARING, outer cone (Torque Converter Transmission) (2)
8	13 390 D	BEARING, outer cup (Hydrostatic and Synchromesh Transmissions) (2)
8	ST 988	BEARING, outer cup (Torque Converter Transmission) (2)
9	380 200 R92	SEAL, inner oil (Hydrostatic and Synchromesh Transmissions) (2)
9	399 798 R91	SEAL, inner oil (Torque Converter Transmission) (2)
10	298 197 R91	BEARING, inner cone (Hydrostatic and Synchromesh Transmissions) (2)
10	972 465 R91	BEARING, inner cone (Torque Converter Transmission) (2)
11	399 758 R1	CARRIER, LH (Hydrostatic and Synchromesh Transmissions)
	223 444	BOLT (11)
11	399 801 R1	CARRIER, LH (Torque Converter Transmission)
	20 665 R1	BOLT (11)
11	399 761 R1	CARRIER, RH (Hydrostatic and Synchromesh Transmission)
	223 444	BOLT (11)

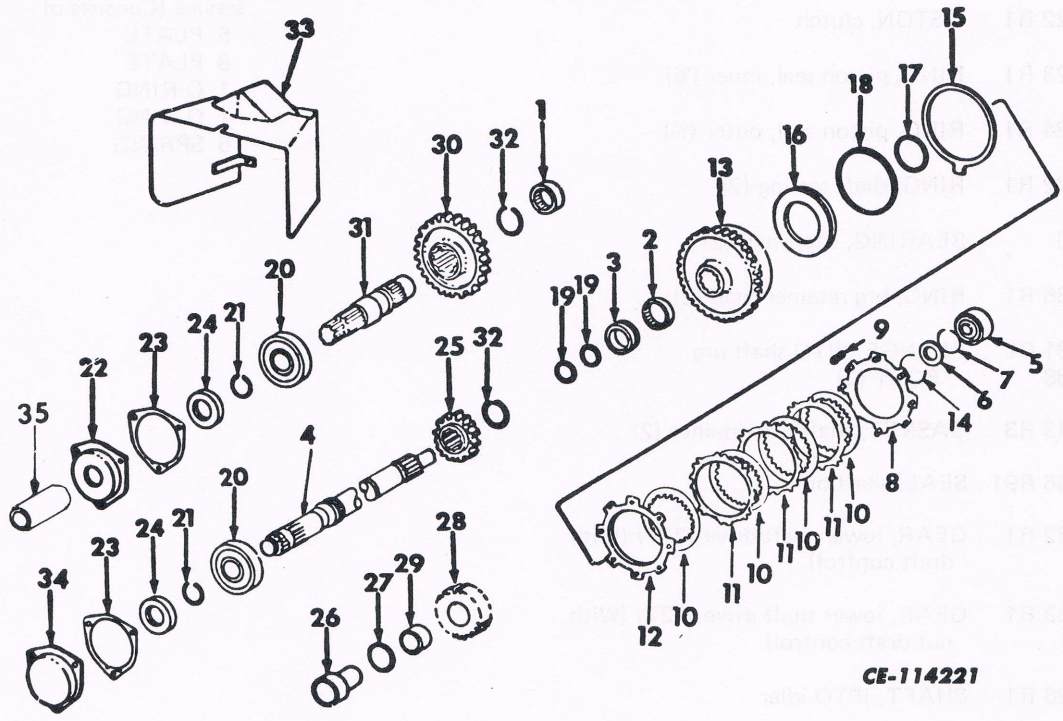
REF. NO.	PART NUMBER	DESCRIPTION
		REAR AXLE, CARRIER AND CONNECTIONS – Continued
11	399 803 R1	CARRIER, RH (Torque Converter Transmission)
	20 665 R1	BOLT (11)
12	13 390 D	BEARING, inner cup (Hydrostatic and Synchromesh Transmissions) (2)
12	ST 981	BEARING, inner cup (Torque Converter Transmission) (2)
13	535 316 R1	GEAR, ring (66T) (Hydrostatic and Synchromesh Transmissions) (2)
13	535 317 R1	GEAR, ring (66T) (Torque Converter Transmission) (2)
14	114 620 C1	RING, brake outer disc (2)
15	529 685 R1	PIN, dowel (Hydrostatic and Synchromesh Transmissions) (6)
15	529 686 R1	PIN, dowel (Torque Converter Transmission) (6)
16	404 341 R3	BOLT (16)

REF. NO.	PART NUMBER	DESCRIPTION

REF. NO.	PART NUMBER	DESCRIPTION

REF. NO.	PART NUMBER	DESCRIPTION

INDEPENDENT POWER TAKE-OFF
(If Equipped)



CE-114221

1	528 103 R91	BEARING, upper shaft needle (Optional with 112 821 R91)
1	112 821 R91	BEARING, upper shaft needle (Optional with 528 103 R91)
2	565 232 R91	BEARING, lower shaft needle
3	401 705 R2	BUSHING, lower shaft
4	66 189 C1	SHAFT, IPTO driving (Single speed)
5	66 183 C2	HUB, clutch
6	401 713 R1	WASHER, thrust
7	401 756 R1	RING, snap
8	66 186 C91	PLATE w/six PINS, 20 020 R1 backing
	20 020 R1	PIN, dowel (6)
9	66 182 C1	SPRING, piston return (%) (6)
10	(@)	PLATE, clutch driven (5)
11	(@)	PLATE, driven (8)
12	66 185 C1	PLATE, piston return
13	66 068 C1	GEAR, clutch cup (44T)
	617 938 R1	PIN, coiled spring
14	401 720 R1	RING, backing plate snap
15	404 490 R1	RING, IPTO brake

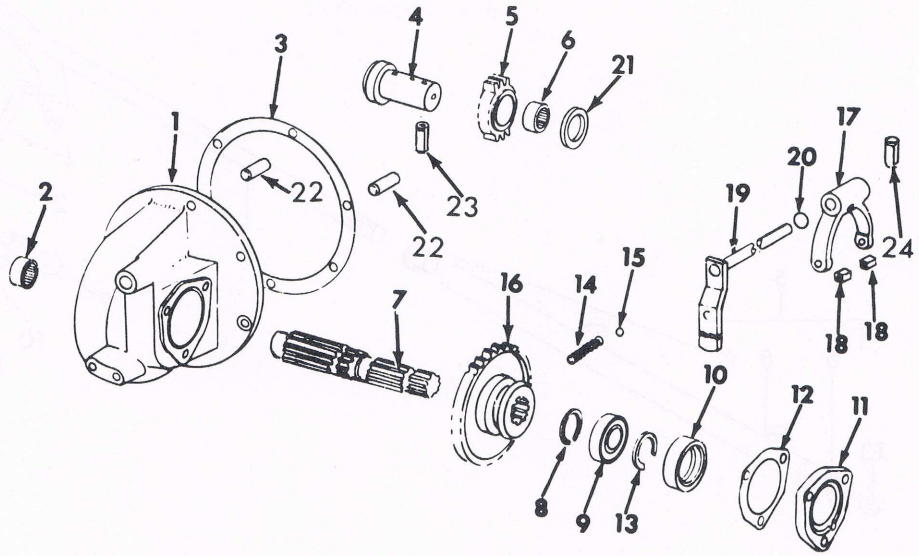
(%) Also part of PACKAGE, 66 193 C91
(@) Order PACKAGE, 66 193 C91

REF. NO.	PART NUMBER	DESCRIPTION
INDEPENDENT POWER TAKE-OFF — Continued (If Equipped)		
16	401 722 R1	PISTON, clutch
17	401 723 R1	RING, piston seal, inner (%)
18	401 724 R1	RING, piston seal, outer (%)
19	166 972 R1	RING, shaft sealing (2)
20	ST 236	BEARING, shaft ball (2)
21	607 186 R1	RING, brg retainer snap (2)
22	66 191 C1	FLANGE, IPTO shaft brg
	179 838	BOLT (3)
23	399 843 R3	GASKET, shaft brg retainer (2)
24	385 766 R91	SEAL, shaft oil
25	404 232 R1	GEAR, lower shaft drive (21T) (With draft control)
25	404 233 R1	GEAR, lower shaft drive (22T) (With out draft control)
26	401 726 R1	SHAFT, IPTO idler
27	379 961 R1	O-RING
28	401 727 R1	GEAR, idler (24T)
29	570 450 R91	BEARING, idler shaft needle (Optional with 528 105 R91)
29	528 105 R91	BEARING, idler shaft needle (Optional with 570 450 R91)
30	404 237 R1	GEAR, upper driven (36T) (Without draft control)
30	66 192 C1	GEAR, upper driven (38T) (With draft control)
31	3 113 017 R1	SHAFT, upper output
32	336 000 R1	RING, driven gear retainer (2)
33	114 684 C1	SHIELD, IPTO safety
	179 837	BOLT (4)
34	401 725 R2	FLANGE, IPTO shaft bearing (Dual speed)
	179 838	BOLT (3)
35	406 808 R1	TUBE, IPTO shaft protection
	66 193 C91	PACKAGE, 1000 rpm clutch plate service (Consists of -
		5 PLATE $
		8 PLATE $
		1 O-RING 401 723 R1
		1 O-RING 401 724 R1
		6 SPRING 66 182 C1)

(%)—Also part of PACKAGE, 66 193 C91

REF. NO.	PART NUMBER	DESCRIPTION

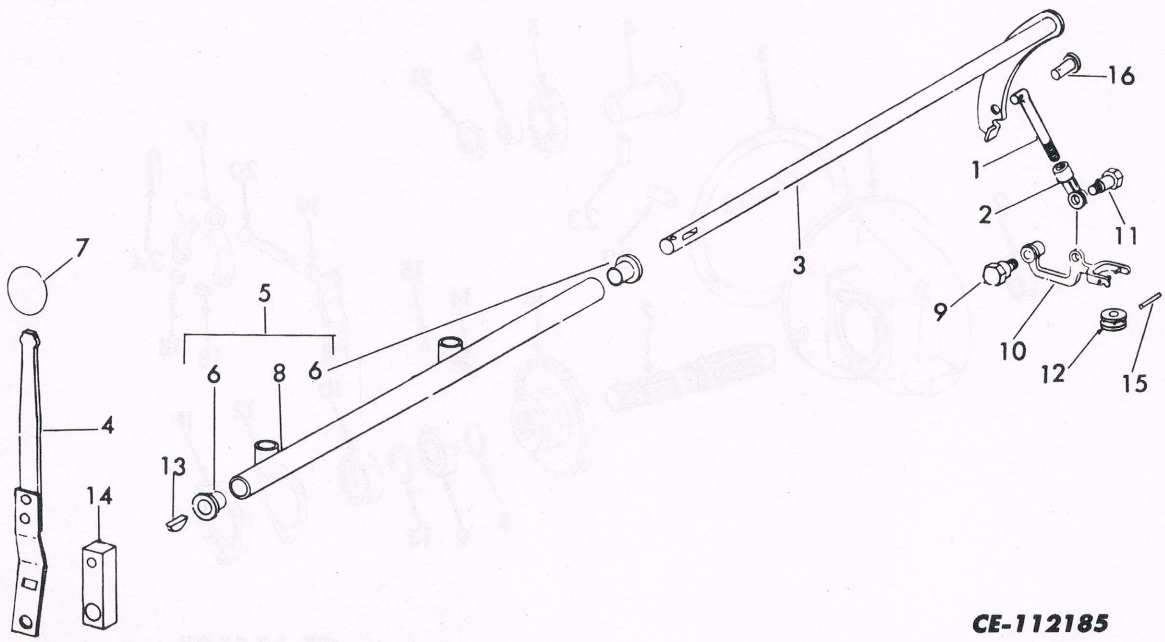
SIDE DRIVE POWER TAKE-OFF
(If Equipped)



CE-114128

REF. NO.	PART NUMBER	DESCRIPTION
1	529 322 R21	HOUSING w/BEARING, 529 323 R91, and PIN, 19 879 R1, side drive PTO
	179 839	BOLT (7)
	9 409 947	PLUG, pipe
2	529 323 R91	BEARING, needle
3	528 650 R1	GASKET, housing
4	67 129 C1	SHAFT, side drive PTO idler gear
5	529 325 R1	GEAR, idler (21T)
6	287 057 R91	BEARING, needle
7	67 131 C1	SHAFT, output
8	573 984 R1	RING, snap
9	ST 247	BEARING, ball
10	381 480 R91	SEAL, oil
11	529 327 R1	RETAINER, brg
	321 316 R1	BOLT (3)
12	529 328 R1	GASKET, brg retainer
13	359 141 R1	RING, snap
14	529 329 R1	SPRING, driven gear poppet
15	17 009 R1	BALL (Optional with 16 009 R1) (2)
15	16 009 R1	BALL (Optional with 17 009 R1) (2)
16	67 132 C1	GEAR, side drive PTO driven (44T)
17	529 331 R1	FORK, driven gear selector
18	67 133 C1	BLOCK, selector fork (2)
19	65 772 C1	SHAFT w/PRODUCT GRAPHIC, 65 771 C1, selector fork
	164 603 C1	SCREW, adj
20	355 966 R1	O-RING (Selector fork shaft)
21	67 130 C1	SPACER, idler gear
22	19 879 R1	PIN, dowel (2)
23	618 573 R1	PIN, roll
24	19 791 R1	PIN, roll

POWER TAKE-OFF LEVER AND CONNECTIONS
(If Equipped)



CE-112185

REF. NO.	PART NUMBER	DESCRIPTION
1	535 450 R1	ROD, IPTO control
	114 493	NUT, jam
	103 375	PIN, cotter
2	528 837 R1	CLEVIS, IPTO control
3	401 741 R1	SHAFT, cross-over
	103 385	PIN, cotter
	21 903 R1	WASHER, flat (X)
4	538 720 R1	LEVER, hand
	16 888 R1	BOLT, carriage
	120 214	WASHER, lcok
	120 376	NUT
5	537 184 R91	SUPPORT ASSY, control shaft
6	528 839 R1	BUSHING, control shaft
7	530 090 R1	KNOB, IPTO hand lever
8	$	SUPPORT, control shaft
9	401 754 R1	BOLT, pivot shaft
10	401 749 R2	BELLCRANK, control
11	530 809 R1	BOLT, shoulder
12	530 813 R2	COLLAR, IPTO control
13	124 543	KEY, Woodruff
14	538 719 R1	PIVOT, control handle
15	25 215 R1	PIN, coiled spring
16	535 453 R1	PIN, rod

REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

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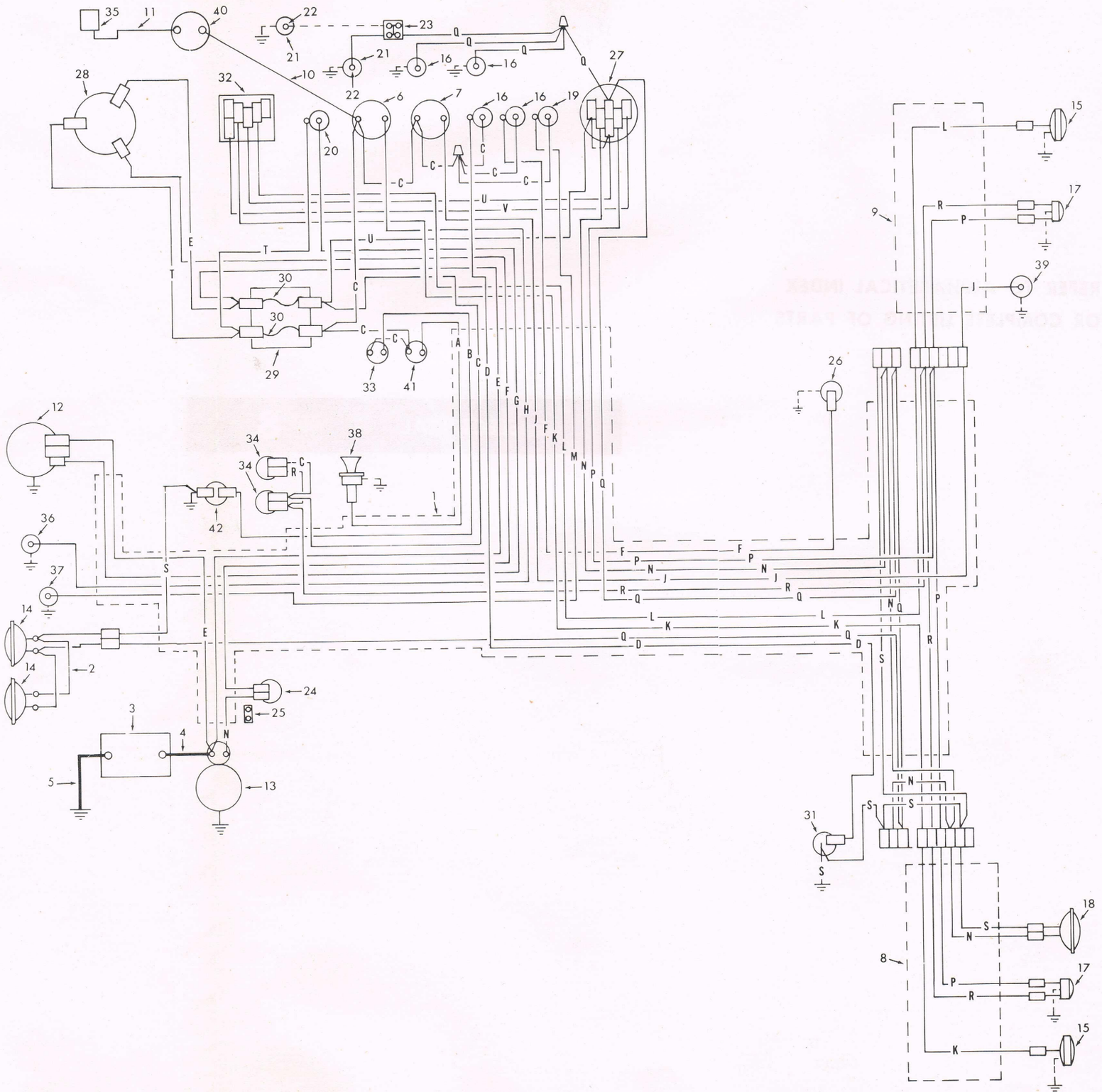
WIRING



CE-114187 CE-114188

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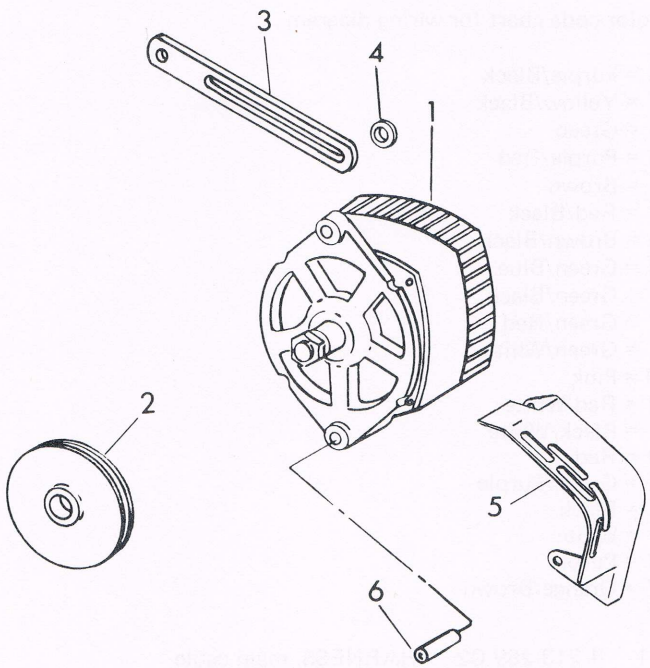
REF. NO.	PART NUMBER	DESCRIPTION
		WIRING – Continued
		Color code chart for wiring diagram
		A = Purple/Black B = Yellow/Black C = Green D = Purple/Red E = Brown F = Red/Black G = Brown/Black H = Green/Blue J = Green/Black K = Green/Red L = Green/White M = Pink N = Red/White P = Black/White Q = Red R = Green/Purple S = Black T = White U = Purple V = Orange/Brown
1	1 213 269 C2	HARNESS, main cable
	289 862 C1	STRAP, wiring (8)
2	1 213 289 C1	CABLE, grille headlight
3		BATTERY, Presolite (3010X) (12 volt) (Synchromesh and Torque Converter Transmissions)
3		BATTERY, Presolite (CLM-31X) (12 volt) (Hydrostatic Transmission)
4	528 301 R1	CABLE, battery to solenoid switch
5	3 116 906 R1	CABLE, battery to ground
6		GAUGE, engine temp (Refer to "Instrument Paneland Gauges")
7		GAUGE, fuel (Refer to "Instrument Panel and Gauges")
8	1 213 286 C1	HARNESS, LH fender
	144 227	GROMMET (2)
9	1 213 288 C2	HARNESS, RH fender
	144 227	GROMMET (2)
10	1 213 336 C1	CABLE, torque converter temp (Green)
11	1 213 337 C1	CABLE, torque converter temp (Yellow)
12		ALTERNATOR-GENERATOR w/ REGULATOR (Refer to "ALTERNATOR W/REGULATOR")
13		MOTOR, cranking (Refer to "CRANKING MOTOR")
14		HEADLIGHT (Refer to "HEADLIGHTS")
15		LIGHT, flashing warning (Refer to "FLASHING WARNING LIGHT")
16	9 417 863	LAMP, instrument panel (No. 1895) (2 used for instrument panel) (1 used for parking brake light) (1 used for transmission oil temperature hydrostatic transmission only)
17		LIGHT, combination stop and taillight (Refer to "Combination STOP AND TAILLIGHT") (2)
18		LIGHT, sealed beam work (Refer to "SEALED BEAM WORK LIGHT")
19	3 122 008 R1	LIGHT, engine oil pressure warning
20	3 122 011 R1	LIGHT, alternator-generator warning
21	529 231 R91	LAMP ASSY, w/BULB, 529 233 R1 (2)
22	529 233 R1	BULB, capless (12Y-3W) (2)
23	705 897 R1	CONNECTOR
24	121 629 C1	SWITCH, neutral starting
25	531 203 R2	BRACKET, neutral start switch (Hydrostatic Hand Control)
	179 835	BOLT, 5/8" long
	103 321	WASHER, lock
	179 851	BOLT, 3" long (2)
25	533 859 R1	BRACKET, neutral start switch (Synchromesh)
	179 835	BOLT
	103 321	WASHER, lock
26	65 425 C1	SWITCH, oil temperature (Hydrostatic drive)
	120 614	NUT
	120 217	WASHER, lock
	537 143 R1	TERMINAL
27	107 200 C2	SWITCH, lighting
28	529 800 R91	SWITCH, ignition key
	26 589 R1	SCREW (2)
	534 211 R1	WASHER, spring
29	3 113 098 R1	HOUSING, fuse

REF. NO.	PART NUMBER	DESCRIPTION
WIRING – Continued		
30	707 887 R1	FUSE, cartridge (Type-25 amp) (Optional w/FUSE, 700 166 R1) (2)
30	700 166 R1	FUSE, cartridge (Type 25 amp) (Optional w/FUSE, 707 887 R1) (2)
31	529 461 R91	SWITCH, park brake warning light
	534 351 R1	COVER, warning light switch
32	107 334 C91	SWITCH, turn indicator w/integral flasher
33	397 940 R93	SWITCH, push-button-ether start
	436 730	BOLT (2)
	120 361	NUT (2)
34	258 298 C91	SWITCH, brake light (2)
35	3 122 005 R91	TRANSMITTER, oil temperature (Torque Converter)
36	3 073 787 R91	TRANSMITTER, engine water temperature
37	3 106 558 R1	TRANSMITTER, engine oil pressure
38		HORN (Refer to "Horn")
39		SENDING UNIT, fuel gauge (Refer to "Fuel Tank and Piping")
40		GAUGE, torque converter temp (Refer to "Instrument Panel and Gauges")
41		BUTTON, horn (Refer to "Horn")
42		SOLENOID ASSY, ether injection (Refer to "ETHER STARTING")

REF. NO.	PART NUMBER	DESCRIPTION

ALTERNATOR-GENERATOR CONNECTIONS



CE-114496

1		ALTERNATOR-GENERATOR (Refer to "Alternator-Generator w/Regulator")
	272 392	BOLT, 4-3/4" long
	103 320	WASHER, lock
2	3 113 672 R1	PULLEY, alternator-generator
3	3 113 336 R1	BRACE, adjusting
	21 404 R1	BOLT
	103 320	WASHER, lock
4	279 642 R1	SPACER
5	3 113 673 R2	SHIELD, fan and pulley
6	3 113 678 R1	SPACER
	102 393	WASHER, flat
	179 820	BOLT
	103 320	WASHER, lock
	102 634	NUT, hex

REF. NO.	PART NUMBER	DESCRIPTION

ALTERNATOR-GENERATOR W/REGULATOR (Lucas)

	3 113 331 R92	ALTERNATOR-GENERATOR W/ REGULATOR ASSY

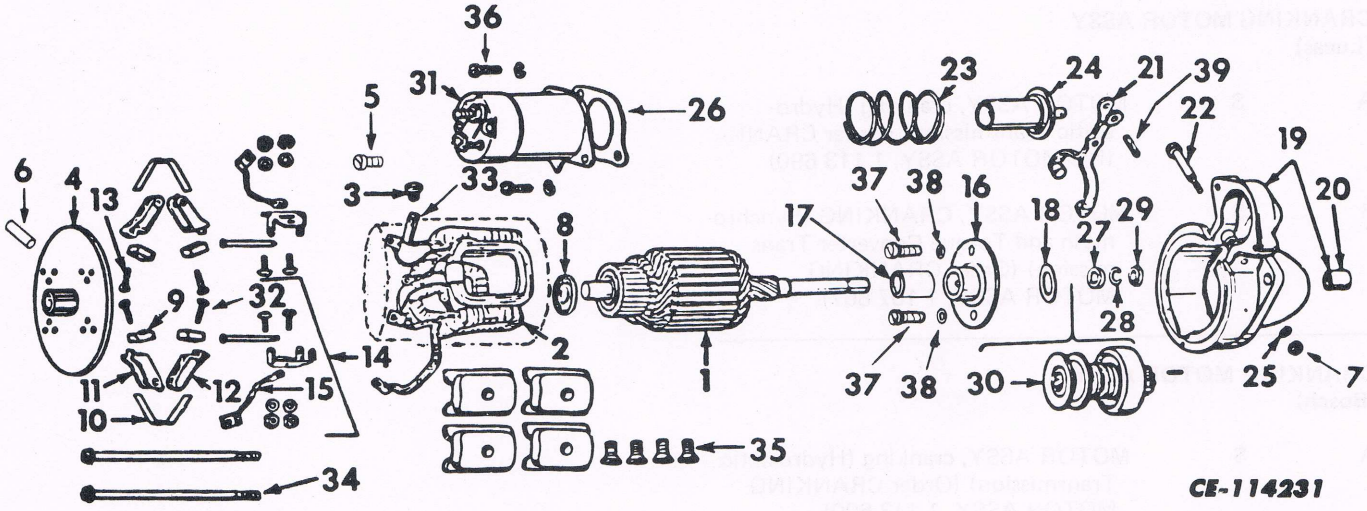
CRANKING MOTOR ASSY (Lucas)

A	$	MOTOR ASSY, cranking (Hydrostatic Transmission) (Order CRANKING MOTOR ASSY, 1 113 690)
B	$	MOTOR ASSY, CRANKING (Synchromesh and Torque Converter Transmission) (Order CRANKING MOTOR ASSY, 1 107 867)

CRANKING MOTOR ASSY (Bosch)

A	$	MOTOR ASSY, cranking (Hydrostatic Transmission) (Order CRANKING MOTOR ASSY, 1 113 690)
B	$	MOTOR ASSY, cranking (Synchromesh and Torque Converter Transmission) (Order CRANKING MOTOR ASSY, 1 107 867)
	537 143 R1	TERMINAL

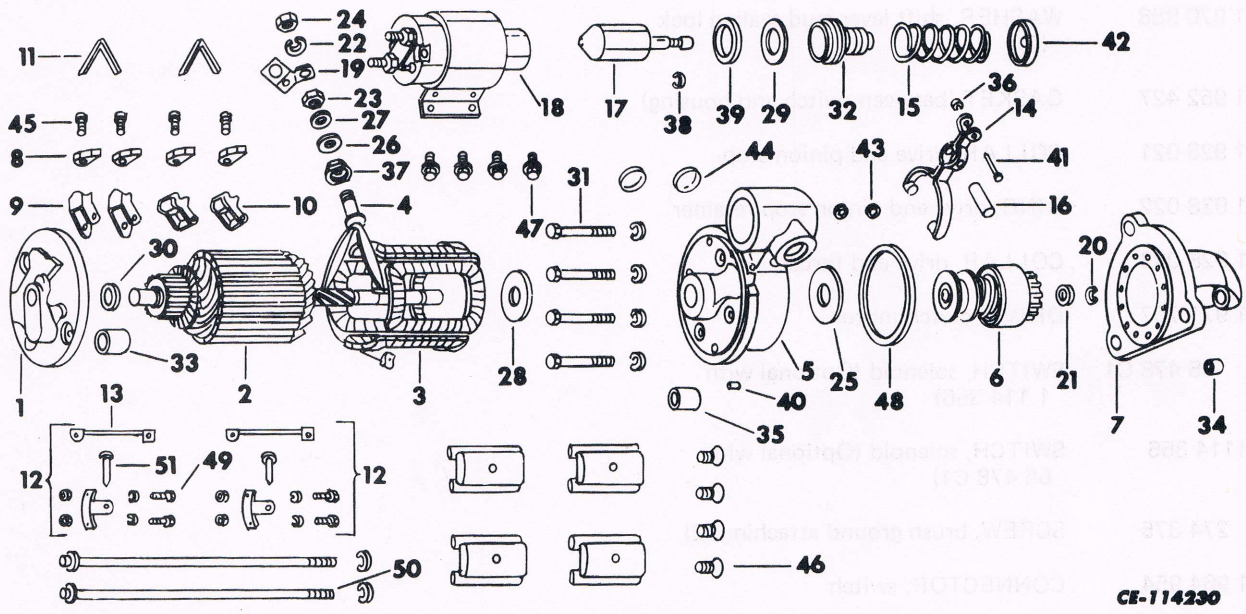
CRANKING MOTOR
(Delco-Remy) (Synchromesh and Torque Converter Transmission)



REF. NO.	PART NUMBER	DESCRIPTION
	1 107 867	MOTOR ASSY, cranking (12 volt)
	179 841	BOLT (3)
	103 321	WASHER, lock (3)
		(Consists of the following parts -)
1	1 960 866	ARMATURE
2	1 960 853	COIL ASSY, field (4 coils)
3	1 955 946	GROMMET (in field frame)
4	1 940 385	FRAME, commutator end
5	9 427 815	SCREW, field lead to switch
6	1 919 851	WICK, commutator end
7	1 926 640	NUT, shift lever screw
8	1 914 842	WASHER, commutator end brake
9	1 946 434	BRUSH (4)
10	1 926 622	SPRING, brush (4)
11	1 940 477	HOLDER, ground brush (2)
12	1 926 618	HOLDER, insulated brush (2)
13	1 959 514	SCREW, brush ground attaching (2)
14	1 928 015	PACKAGE, brush holder support (2)
15	1 960 864	LEAD, brush ground (2)
16	820 149	PLATE, center bearing
17	1 938 596	BUSHING, center bearing
18	821 453	WASHER, brake
19	1 965 429	HOUSING, drive
	1 916 439	WICK, drive end
20	1 862 383	BUSHING, drive end
21	1 951 567	LEVER, shift
22	1 932 197	SCREW, shift lever
23	1 958 679	SRING, plunger return
24	1 941 113	PLUNGER, solenoid switch

REF. NO.	PART NUMBER	DESCRIPTION
		CRANKING MOTOR – Continued (Delco-Remy) (Synchromesh and Torque Converter Transmission)
25	1 970 988	WASHER, shift lever stud sealing lock (2)
26	1 952 427	GASKET (between switch and housing)
27	1 928 021	COLLAR, drive end pinion stop
28	1 928 022	RING, drive end pinion stop retainer
29	1 928 023	COLLAR, drive end thrust
30	1 971 707	DRIVE, clutch motor
31	65 478 C1	SWITCH, solenoid (Optional with 1 114 356)
31	1114 356	SWITCH, solenoid (Optional with 65 478 C1)
32	274 875	SCREW, brush ground attaching (2)
33	1 964 954	CONNECTOR, switch
34	1 960 908	BOLT, thru (2)
35	1 913 960	SCREW, pole shoe (8)
36	132 255	SCREW, switch mounting (2)
37	1 914 580	SCREW, center bearing attaching (2)
38	1 962 276	WASHER (2)
39	455 106	PIN, shift lever attaching

CRANKING MOTOR
(Delco-Remy) (Hydrostatic Transmission)

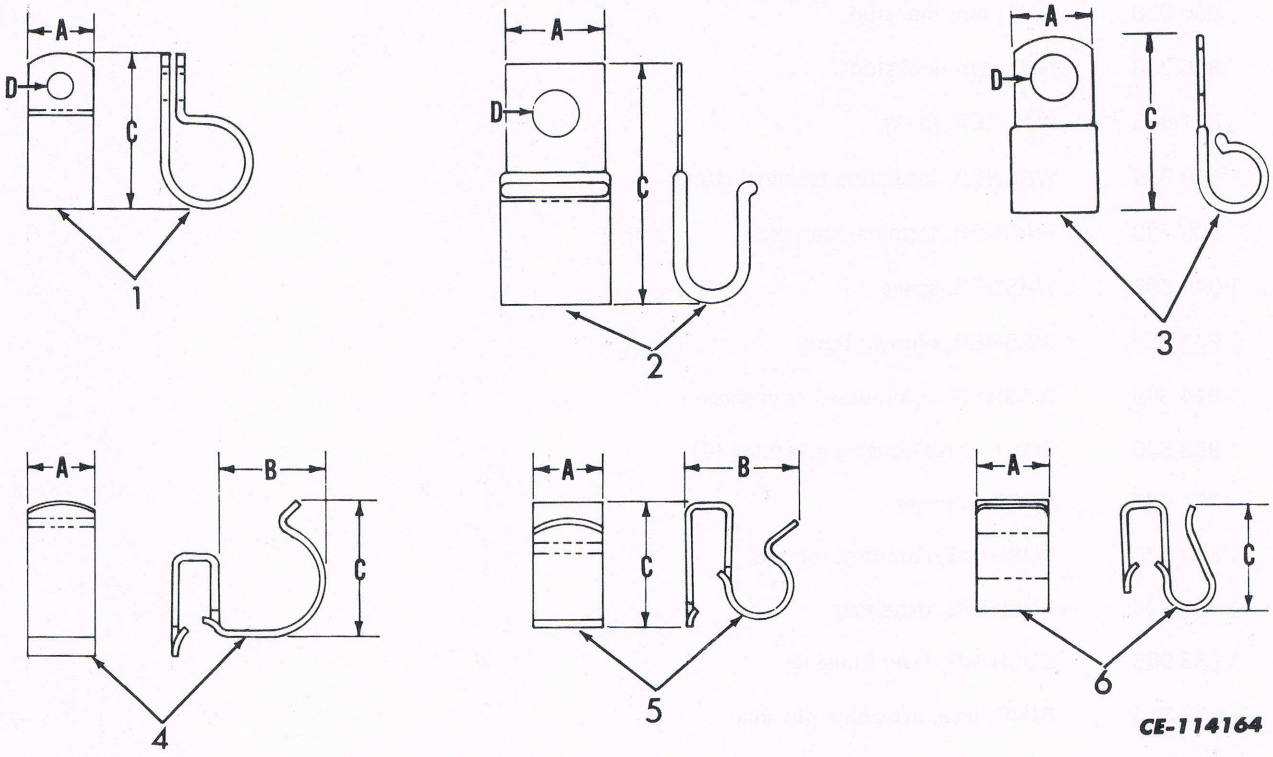


REF. NO.	PART NUMBER	DESCRIPTION
	1 113 690	MOTOR ASSY, cranking
	179 840	BOLT (3)
	120 614	NUT, 10-32"hex
	124 829	NUT, hex jam
	120 217	WASHER, No. 10 lock
	103 321	WASHER, 3/8" medium lock
	120 381	WASHER, 3/8" light lock
		(Consists of the following parts -)
1	1 945 617	FRAME, commutator end
	1 916 439	WICK, commutator end
	810 819	PLUG, end
2	1 967 045	ARMATURE
3	1 946 386	COIL ASSY, field (4 coils)
	1 914 873	INSULATION, field coil (2)
4	1 945 626	STUD, terminal
5	1 942 241	HOUSING ASSY, lever (Consists of - 1 BUSHING 1 933 999; 2 PLUG 9 411 375; 2 PLUG 1 948 694; 1 WICK 1 947 350)
6	1 877 355	MOTOR ASSY, drive
7	1 947 803	HOUSING, drive
	1 916 439	WICK, drive end
8	1 906 987	BRUSH (4)
9	1 940 477	HOLDER, brush ground (2)
10	1 950 546	HOLDER, brush insulated (2)
11	1 945 620	SPRING, brush (4)
12	1 945 923	PACKAGE, brush support
13	1 930 694	LEAD, ground
14	1 942 245	LEVER ASSY, shift
15	1 948 521	SPRING, shift lever
16	1 942 255	SHAFT, lever
17	1 942 250	PLUNGER ASSY
18	65 479 C2	SWITCH ASSY, solenoid (Optional with 1 115 540)
18	1 115 540	SWITCH ASSY, solenoid (Optional with 65 479 C2)
19	1 946 394	CONNECTOR, solenoid switch
20	1 928 022	RING, pinion stop retainer
21	1 928 021	COLLAR, pinion stop
22	9 421 425	WASHER, terminal stud lock

REF. NO.	PART NUMBER	DESCRIPTION
		CRANKING MOTOR (Delco-Remy) (Hydrostatic Transmission) — Continued
23	805 258	NUT, terminal stud
24	805 258	NUT, terminal stud
25	821 453	WASHER, brake
26	1 950 029	WASHER, insulating terminal stud
27	805 790	WASHER, terminal stud plain
28	1 946 395	WASHER, space
29	1 942 259	WASHER, plunger boot
30	1 914 842	WASHER, commutator end space
31	1 962 546	BOLT, drive housing attaching (4)
32	801 077	BOOT, plunger
33	1 872 678	BUSHING, commutator end
34	1 955 994	BUSHING, drive end
35	1 933 999	BUSHING, lever housing
36	1 933 376	RING, lever attaching pin snap
37	1 931 783	BUSHING, insulating terminal stud
38	9 415 235	RING, spring retainer snap
39	1 942 256	RETAINER, spring
40	1 947 350	WICK, lever housing
41	1 942 253	PIN, shift lever attaching
42	1 942 282	RETAINER, spring
43	1 948 694	PLUG (2)
44	9 411 375	PLUG (2)
45	1 959 514	SCREW, brush attaching (4)
46	1 968 396	SCREW, pole shoe (8)
47	1 917 084	SCREW, switch (4)
48		Not used in this application
49	(+)	SCREW (4)
50	1 883 865	BOLT, commutator end thru (2)
51	1 938 058	PIN, brush holder support (2)

(+) Order PACKAGE, 1 945 923

CLIPS

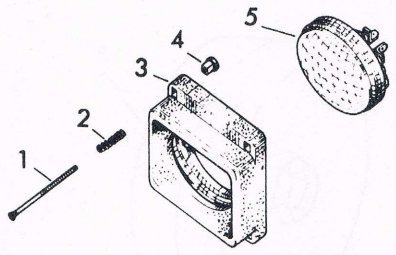


REF. NO.	PART NUMBER	DESCRIPTION	A	B	C	D
1	3 116 240 R1		1/2		1-3/32	3/16
	450 643	BOLT				
	103 092	WASHER				
	106 496	WASHER, lock				
2	263 716 R91 (%)		3/4		1-17/32	11/32
	179 812	BOLT				
	103 320	WASHER, lock				
3	362 120 R1 (%)		3/4		1-9/16	13/32
3	362 121 R1 (%)		3/4		1-9/16	9/32
3	366 460 R1 (%)		3/4		1-1/4	13/32
3	358 986 R1 (%)		1		1-15/16	17/32
	179 837	BOLT				
	120 635	NUT				
	103 321	WASHER				
4	539 015 R1		9/16	37/64		29/32
5	3 113 491 R1		9/16	23/64		25/32
5	537 025 R1		9/16	15/32		27/32
6	3 116 918 R1		1/2			5/8

(%) Insulated

REF. NO.	PART NUMBER	DESCRIPTION

HEADLIGHTS

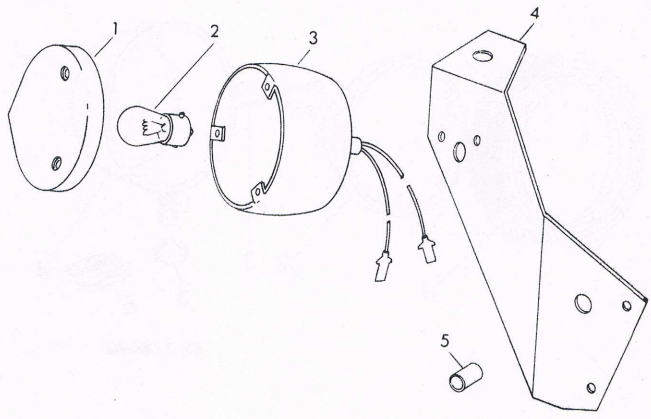


CE-113886

1	530 179 R1	BOLT (8)
2	528 533 R1	SPRING (8)
3	537 013 R1	HOUSING (2)
4	537 014 R1	INSERT (8)
5	373 662 R91	HEADLIGHT, sealed beam (2)

REF. NO.	PART NUMBER	DESCRIPTION

COMBINATION STOP AND TAILLIGHT

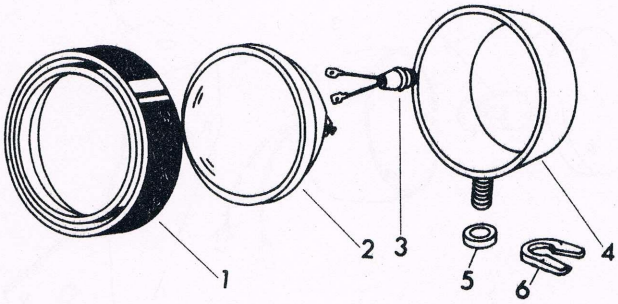


CE-114098

	124 227 C91	LIGHT ASSY, combination stop and tail
	120 380	WASHER, lock (4)
	120 375	NUT (4)
		(Consists of the following parts except items 4 and 5)
1	124 228 C1	LENS
2	9 417 867	BULB (Trade number 1157) (12 volt)
3	$	BODY
4	66 492 C1	BRACKET, LH tail and flasher (Not part of light assembly)
4	66 494 C1	BRACKET, RH tail and flasher (Not part of light assembly)
	180 120	BOLT (2)
	120 382	WASHER, lock (2)
	120 377	NUT (2)
5	F 18 186	SPACER (not part of light assembly)

REF. NO.	PART NUMBER	DESCRIPTION

SEALED BEAM WORK LIGHT

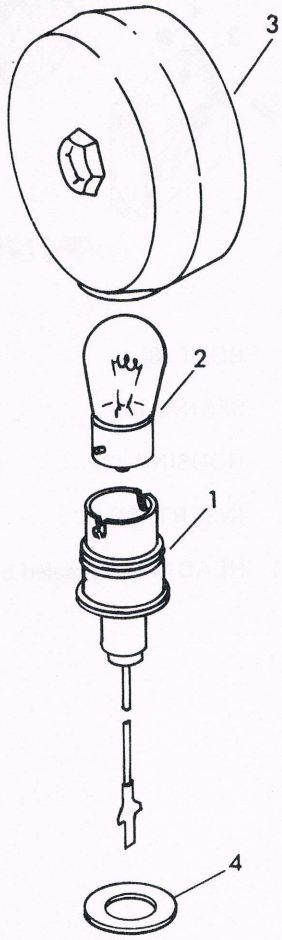


CE-114090

A	376 849 R91	LIGHT ASSEMBLY (Optional with 391 005 R91)
B	391 005 R91	LIGHT ASSEMBLY (Optional with 376 849 R91)
	120 378	NUT
	120 384	WASHER, lock
1	676 078 R1	RETAINER (B)
2	373 662 R1	LAMP
3	530 029 R91	CONNECTOR
4	$	BODY
5	365 503 R1	SPACER (Not part of light assembly)
6	350 920 R1	CLAMP (Not part of light assembly)

REF. NO.	PART NUMBER	DESCRIPTION

FLASHING WARNING LIGHT

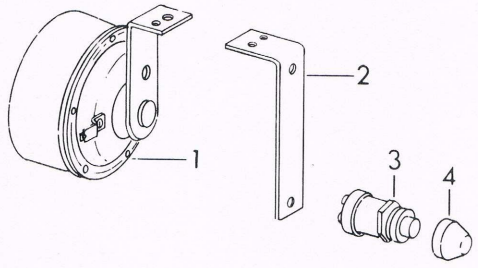


CE-114125

	67 538 C91	LIGHT ASSEMBLY, flashing warning
	120 371	NUT (2)
	135 629	WASHER, lock (2)
		(Consists of the following parts except item 4)
1	$	BASE
2	9 417 866	LAMP (Trade number 1156) (12 volt)
3	$	HOUSING
4	394 262 R1	GASKET, rubber washer (Not part of light assembly)

REF. NO.	PART NUMBER	DESCRIPTION

HORN AND SWITCH
(If Equipped)

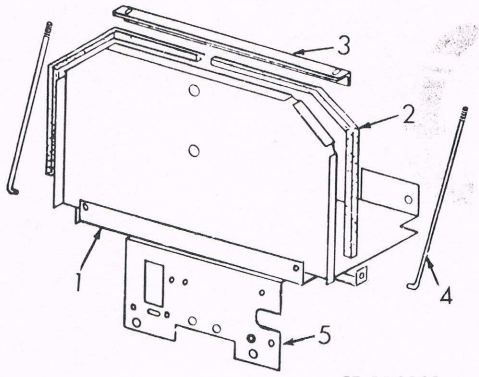


CE-114087

1	9 000 239	HORN ASSY, electric
	179 814	BOLT
	102 634	NUT, hex
	103 320	WASHER, lock
2	529 601 R1	BRACKET, horn mounting
	109 084	NUT (2)
	103 319	WASHER, lock (2)
	179 791	BOLT (2)
3	393 209 R91	SWITCH, horn
4	371 487 R1	CAP, dust

REF. NO.	PART NUMBER	DESCRIPTION

BATTERY TRAY



CE-114091

1	538 052 R5	TRAY, battery
	20 893 R1	WASHER, flat (2)
	120 214	WASHER, lock (2)
	102 376	NUT, hex (2)
2	394 788 R1	GASKET, battery heat shield (2)
3	3 121 178 R1	BRACKET, battery hold down
4	529 968 R1	ROD, battery hold down (2)
	120 393	WASHER, flat (2)
	142 745	NUT, wing (2)
5	3 113 042 R1	SUPPORT
	180 122	BOLT, 1" long (2)
	120 382	WASHER, 3/8 lock (2)
	120 377	NUT, 3/8-16 hex (2)
	103 319	WASHER, 1/4 lock
	109 084	NUT, 1/4-20 hex
	103 321	WASHER, 3/8 lock (2)
	102 635	NUT, 3/8-16 hex
	181 356	BOLT, 5/8" long
	20 893 R1	WASHER, flat (2)
	120 214	WASHER, 5/16 lock (2)
	120 376	NUT, 5/16 hex

REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

FRAME 9

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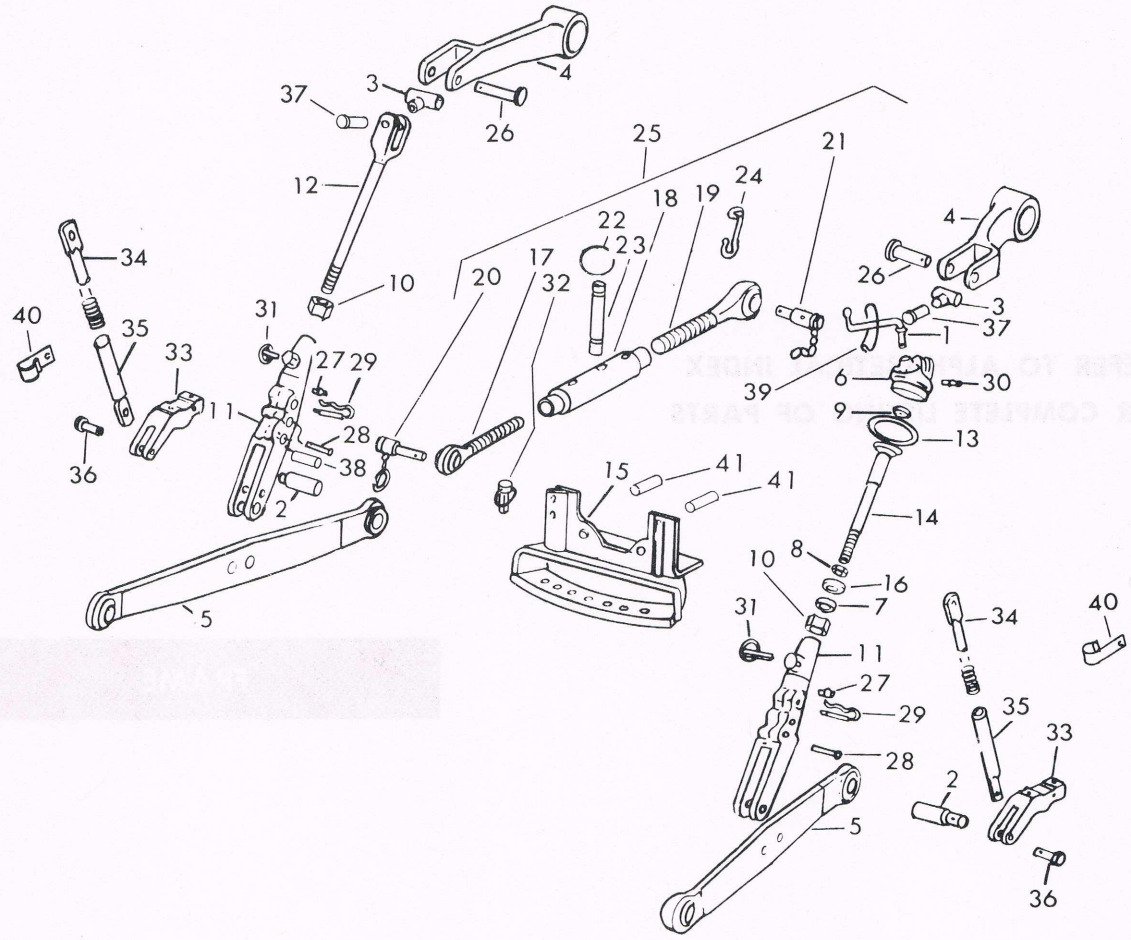
REF. NO.	PART NUMBER	DESCRIPTION

THREE-POINT HITCH (Category 1)



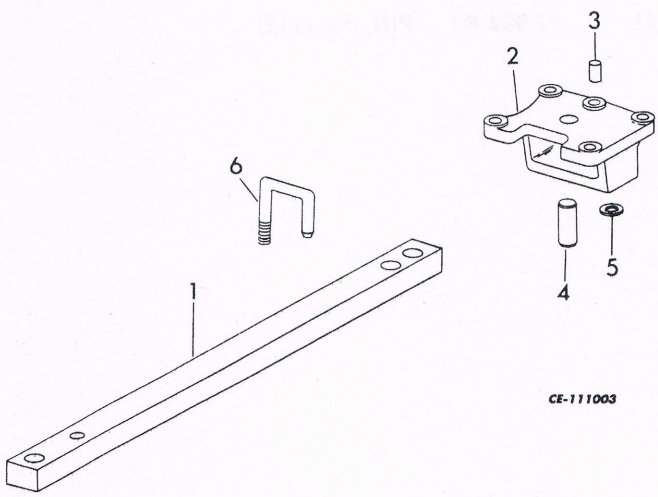
CE-114115

REF. NO.	PART NUMBER	DESCRIPTION
1	527 943 R1	HANDLE, lift RH link leveling screw
2	67 839 C1	PIN, lower link (2)
	538 406 R1	PIN, quick attachable cotter (2)
3	539 247 R1	SWIVEL, leveling screw (2)
4	402 634 R2	ARM, rockshaft (2)
5	402 648 R1	LINK, lower (2)
6	3 072 422 R2	HOUSING, leveling screw
7	3 069 064 R1	BEARING, leveling screw
8	3 105 187 R1	COLLAR, lift RH link leveling screw brg
9	3 069 063 R1	GEAR, pinion
	142 506	PIN, groove
10	527 937 R1	NUT, yoke rod adj (2)
11	402 635 R4	HOUSING, lift link yoke (2)
12	527 967 R1	YOKE, LH lift link
	575 814 R1	WASHER, flat (4)
13	3 069 065 R1	NUT, leveling screw brg
14	69 991 C91	SCREW w/COLLAR, 3 105 187 R1, leveling
15	403 029 R91	SUPPORT, swinging drawbar
	271 558	BOLT (5)

REF. NO.	PART NUMBER	DESCRIPTION
THREE-POINT HITCH (Category 1) – Continued		
16	3 044 346 R91	BEARING, leveling screw
17	528 000 R1	SCREW, RH thd upper
	426 899	NUT, lock
18	528 002 R1	TURNBUCKLE
19	527 998 R1	SCREW, LH thd upper
20	528 081 R1	PIN, upper link Cat I
21	528 084 R1	PIN, upper link Cat II
	530 049 R1	PIN, quick attachment cotter
22	3 048 296 R1	KNOB, turnbuckle rod (2)
23	65 958 C1	ROD ASSY, turnbuckle
	103 343	WASHER, flat
	103 373	PIN, cotter
24	530 050 R3	CLIP, upper link storage
	23 042 R1	WASHER, flat
	391 047 R1	BOLT, shoulder
25	528 085 R91	LINK ASSY, upper
26	3 044 309 R1	PIN, rockshaft arm hd (2)
	720 631 R1	PIN, cotter (2)
27	273 355	FITTING, lube (2)
28	68 804 C1	PIN, lift link yoke float (2)
	107 762	PIN, cotter (2)
29	520 174 R11	PIN, lift link lock (2)
30	109 461	FITTING, lube
31	533 189 R1	PIN, lower link drawbar (2)
	530 049 R1	PIN, quick attachable cotter
32	533 189 R1	PIN, implement
33	529 342 R3	BRACKET, stabilizer mounting (2)
	271 724	BOLT, 2-1/4" long (2)
	271 727	BOLT, 3" long (2)
	121 574	WASHER, lock (4)
34	378 012 R1	ROD, stabilizer end (2)
35	529 344 R1	TUBE, stabilizer end rod (2)
36	529 346 R1	PIN, stabilizer end rod tube (2)
	520 175 R1	PIN, quick attachable cotter (2)
37	3 069 069 R1	PIN, hardened (2)
	103 407	PIN, cotter (2)
38	617 937 R1	PIN, coiled spring
39	3 072 424 R1	CLIP, handle
40	535 888 R1	CLIP, stabilizer holding (2)
41	19 904 R1	PIN, dowel (2)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

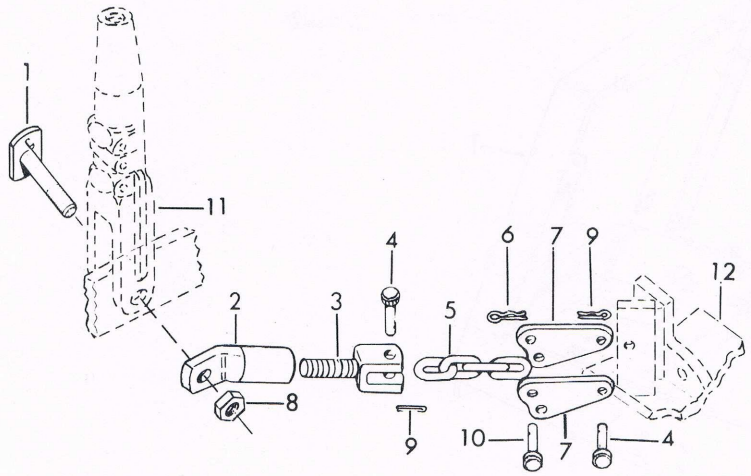
SWINGING DRAWBAR
(If Equipped)



1	533 196 R1	DRAWBAR, swinging
2	406 468 R11	SUPPORT, pivot
	179 886	BOLT (4)
	103 323	WASHER, lock (4)
3	19 846 R1	PIN, dowel
4	406 469 R1	PIN, pivot
5	49 139 D	PLATE, pivot pin lock
	179 838	BOLT
	103 321	WASHER, lock
6	406 470 R1	PIN, stop
	19 798 R1	NUT w/nylon insert, hex

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

LIMITER CHAIN
(Part of Three Point Hitch)

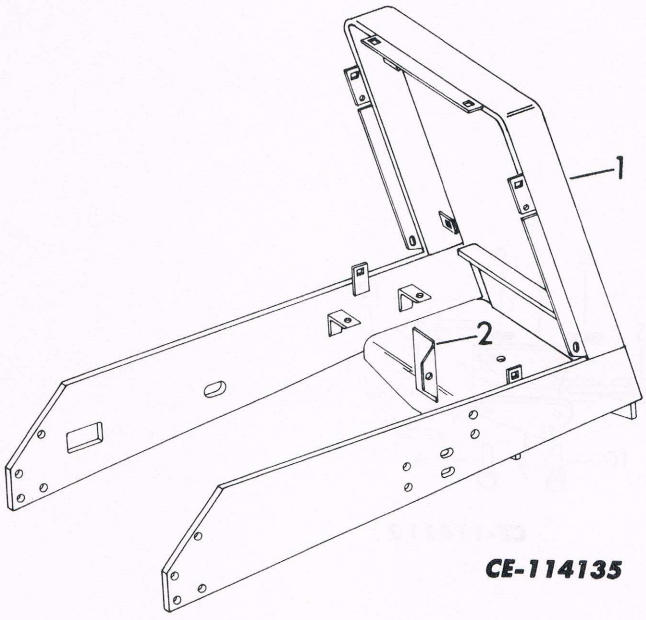


CE-114112

1	527 981 R1	PIN ASSY, rear chain bracket (2)	8	17 161 R1	NUT (2)
2	403 034 R1	BRACKET, limiter chain rear (2)	9	108 630	PIN, cotter (4)
3	527 976 R1	CLEVIS, lateral limiter (2)	10	403 034 R1	PIN, limiter chain (2)
4	403 031 R1	PIN, limiter chain (4)	11		HOUSING, lift yoke (Refer to "Three Point Hitch")
5	527 974 R1	CHAIN, lateral limiter (2)	12		SUPPORT, swing drawbar (Refer to "Three Point Hitch")
6	460 047 R1	PIN, quick attachable cotter (2)			
7	527 975 R1	STRAP, chain shackle (4)			

REF. NO.	PART NUMBER	DESCRIPTION

MAIN FRAME



CE-114135

1	69 338 C92	FRAME, main
	69 306 C1	NUT, 3/8" retainer (6)
	69 347 C1	NUT, 5/8" retainer (Used w/bolts from hood) (4)
	271 771	BOLT (Used w/clutch housing) (8)
	131 046	WASHER, lock (Used w/clutch housing) (8)
2	544 413 R1	CAP, subframe cannel (PAYloaders only) (2)
	180 020	BOLT (2)
	120 380	WASHER, lock (2)
	120 375	NUT, hex (2)

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FOR COMPLETE LISTING OF PARTS

HYDRAULICS 10

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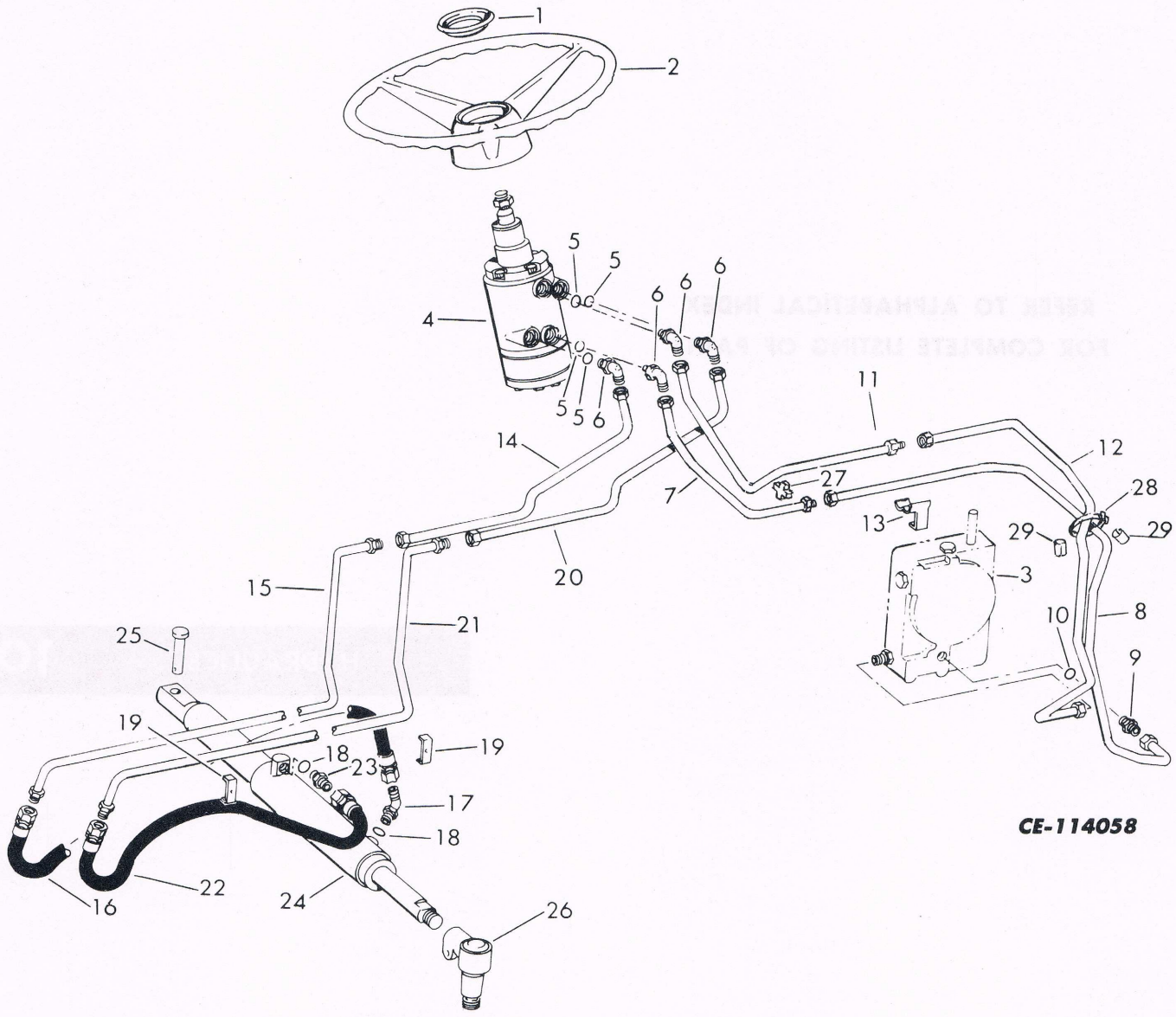
POWER STEERING
(PAY ® tractors)

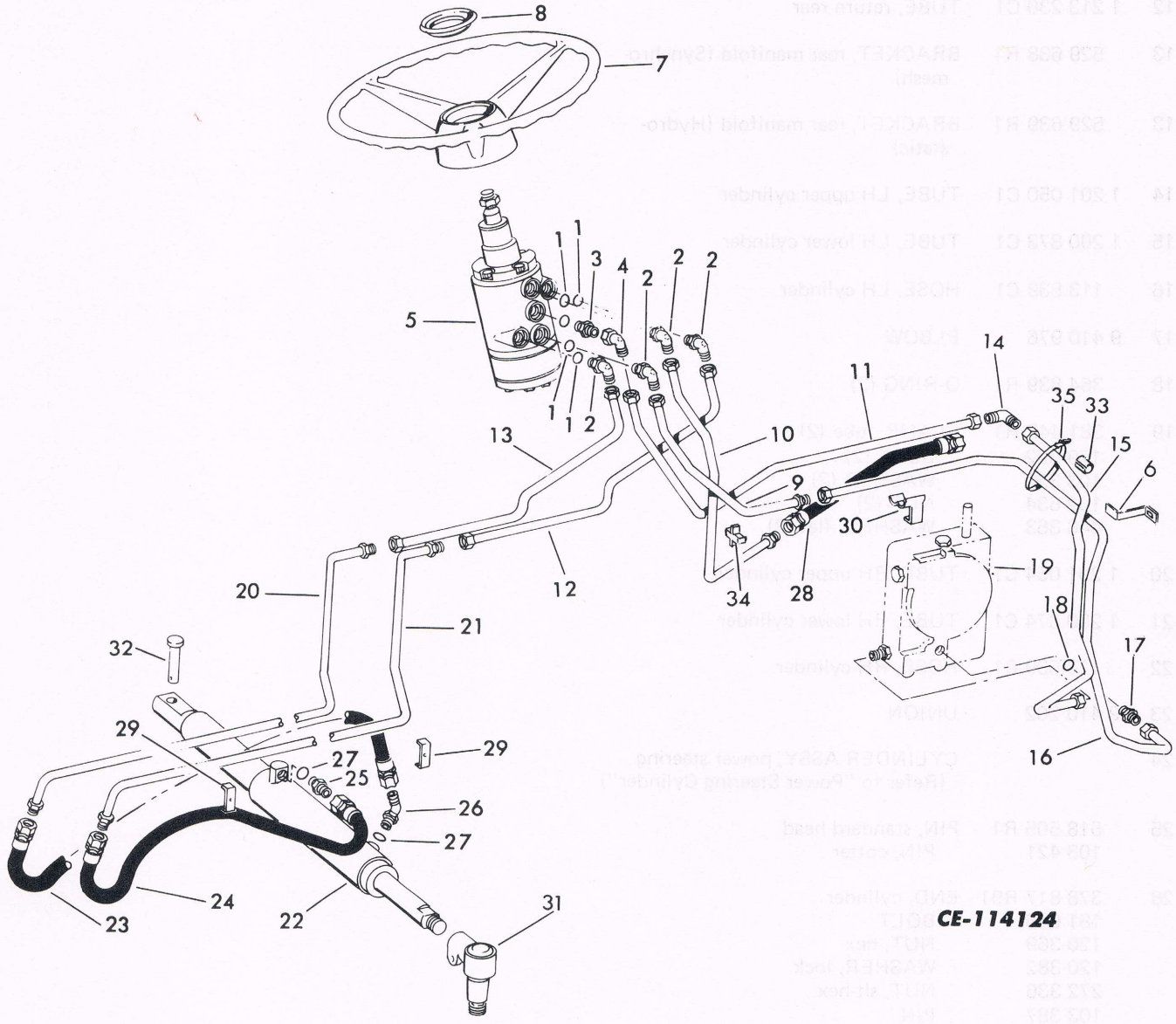


REF. NO.	PART NUMBER	DESCRIPTION
1	68 837 C1	CAP, steering wheel
2	3 123 597 R91	WHEEL, steering
3		VALVE ASSY, multiple control (Refer to "Multiple Control Valve")
4		STEERING ASSY, integral hydrostatic (Refer to "Hydrostatic Integral Steering Assy")
5	364 839 R1	O-RING (4)
6	9 410 976	ELBOW (4)
7	66 114 C1	TUBE, pressure forward
8	66 105 C1	TUBE, pressure rear
9	57 715 C1	VALVE, power steering check
10	364 839 R1	O-RING
11	66 112 C1	TUBE, return forward

REF. NO.	PART NUMBER	DESCRIPTION
POWER STEERING (PAY® tractors)		Continued
12	1 213 230 C1	TUBE, return rear
13	529 638 R1	BRACKET, rear manifold (Synchro-mesh)
13	529 639 R1	BRACKET, rear manifold (Hydro-static)
14	1 201 050 C1	TUBE, LH upper cylinder
15	1 200 873 C1	TUBE, LH lower cylinder
16	113 539 C1	HOSE, LH cylinder
17	9 410 976	ELBOW
18	364 839 R1	O-RING (2)
19	381 448 R1	CLAMP, tube (2)
	179 822	BOLT (2)
	103 320	WASHER (2)
	102 634	NUT (2)
	446 363	WASHER, flat (2)
20	1 201 054 C1	TUBE, RH upper cylinder
21	1 200 874 C1	TUBE, RH lower cylinder
22	113 539 C1	HOSE, RH cylinder
23	9 410 202	UNION
24		CYLINDER ASSY, power steering (Refer to "Power Steering Cylinder")
25	518 505 R1	PIN, standard head
	103 421	PIN, cotter
26	378 817 R91	END, cylinder
	181 646	BOLT
	120 369	NUT, hex
	120 382	WASHER, lock
	272 336	NUT, slt-hex
	103 387	PIN
27	529 637 R2	GUIDE, manifold tube
28	306 132 C1	STRAP, rear manifold tubes
29		HOSE, spacer (Cut length 7.93 mm (5/16") ID x 63.5 mm (2-1/2") long) (Cut from HOSE, 71 655 C1)
	71 665 C1	HOSE, spacer (7.93 mm (5/16") ID x 290.0 mm (11-3/4") long (X)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

POWER STEERING
(PAY® loaders)



CE-114124

1	364 839 R1	O-RING (5)
2	9 410 976	ELBOW, 90° (4)
3	9 410 202	CONNECTOR, short swivel
4	9 410 280	ELBOW, 90° swivel
5	126 893 C91	STEERING ASSY, integral hydrostatic
6	1 213 305 C1	BRACKET, hydraulic tubes (Torque Converter Transmission)
7	3 123 597 R91	WHEEL, steering
8	68 837 C1	CAP, steering wheel
9	70 639 C1	TUBE, pressure
10	70 657 C1	TUBE, power beyond (upper)
11	70 668 C1	TUBE, return (upper)
12	1 201 054 C1	TUBE, RH upper

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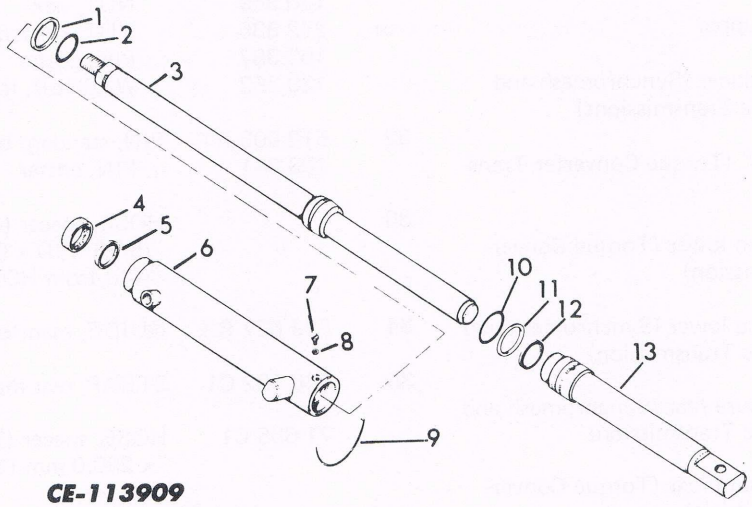
REF. NO.	PART NUMBER	DESCRIPTION
POWER STEERING – Continued (PAY® loaders)		
13	1 201 050 C1	TUBE, LH upper
14	1 240 507 C1	ELBOW, reducer (Synchromesh and Hydrostatic Transmissions)
14	9 410 942	ELBOW, 90° (Torque Converter Transmission)
15	126 839 C2	TUBE, return lower (Torque Converter Transmission)
15	1 240 503 C1	TUBE, return lower (Synchromesh and Hydrostatic Transmission)
16	66 105 C1	TUBE, pressure rear (Synchromesh and Hydrostatic Transmission)
16	126 840 C1	TUBE, pressure rear (Torque Converter Transmission)
17	57 577 C1	VALVE, check
18	364 839 R1	O-RING
19		VALVE ASSY, multiple control (Refer to MULTIPLE CONTROL VALVE)
20	1 200 873 C1	TUBE, LH front
21	1 200 874 C1	TUBE, RH front
22		CYLINDER ASSY, power steering (Refer to POWER STEERING CYLINDER)
23	113 539 C1	HOSE, steering LH
24	113 539 C1	HOSE, steering RH
25	9 410 202	CONNECTOR, short swivel
26	9 410 976	ELBOW, 90°
27	364 839 R1	O-RING (2)
28	537 283 R1	HOSE, power beyond
29	381 448 R1	CLAMP, hyd tube (2)
	179 822	BOLT (2)
	103 320	WASHER, lock (2)
	102 634	NUT, hex (2)
30	529 638 R1	BRACKET, rear manifold (Synchromesh and Torque Converter Transmission)
30	529 639 R1	BRACKET, rear manifold (Hydrostatic drive)
31	378 817 R91	END, cylinder
	181 646	BOLT
	120 369	NUT, hex
	272 336	NUT, slotted hex
	103 387	PIN, cotter
	120 382	WASHER, lock
32	518 505 R1	PIN, standard head
	103 341	PIN, cotter
33		HOSE, spacer (Cut length 7.93 mm (5/16") ID x 63.5 mm (2-1/2") long) (Cut from HOSE, 71 655 C1)
34	529 637 R2	GUIDE, manifold tube
35	306 132 C1	STRAP, rear manifold tubes
	71 655 C1	HOSE, spacer (7.93 mm (5/16") ID x 290.0 mm (11-13/32") long) (X)

POWER STEERING CYLINDER



CE-113909

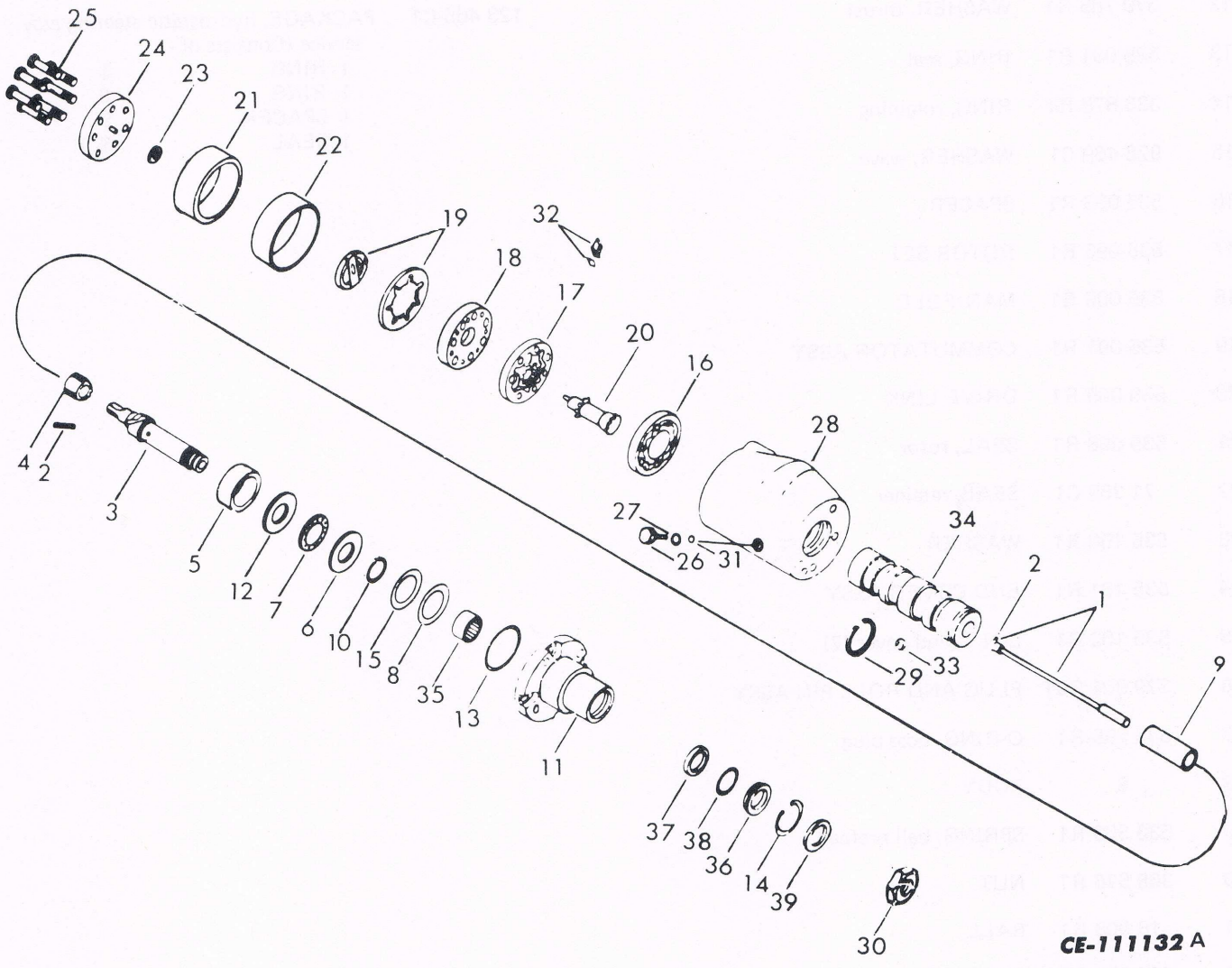
REF. NO.	PART NUMBER	DESCRIPTION
	3 118 502 R92	CYLINDER ASSY, power steering (Consists of the following parts -)
1	378 586 R1	RING, piston (%)
2	290 987 R1	O-RING (%)
3	536 309 R1	ROD, power steering
4	536 308 R91	SEAL, rod wiper (%)
5	119 214 C1	SEAL, piston rod (%)
6	3 118 503 R1	TUBE, power steering
7	436 729	SCREW, slt-pan-hd
8	106 497	WASHER, lock
9	396 106 R1	RETAINER, front head (%)
10	543 921 R1	O-RING (%)
11	378 588 R1	WASHER, back-up (%)
12	119 214 C1	SEAL, piston rod (%)
13	536 301 R2	HEAD, power steering
	536 314 R92	KIT, cylinder service (Consists of -

1 O-RING	290 987 R1
1 O-RING	343 921 R1
1 RETAINER	396 106 R1
2 SEAL	119 214 C1
1 SEAL	536 308 R91
1 WASHER	378 588 R1
1 WIPER	378 586 R1)

(%) Also part of KIT, 536 314 R92

REF. NO.	PART NUMBER	DESCRIPTION

HYDROSTATIC INTEGRAL STEERING ASSEMBLY
(PAY® tractors)



	70 110 C94	STEERING ASSY, integral hydrostatic (Consists of the following parts -)	7	379 783 R91	BEARING, thrust
1	535 055 R1	TORSION BAR	8	67 567 C1	KIT, shim (Consists of - 4 SHIM .010 $ 4 SHIM .005 $ 1 SHIM .002 $ 1 SHIM .030 $)
2	535 056 R1	PIN, torsion bar needle	9	535 120 R1	SPACER, drive link
3	535 057 R1	SHAFT, input	10	454 331 R1	RING, retaining
4	535 058 R1	RING, drive	11	70 115 C1	COVER, upper
5	928 468 C1	SPACER		24 481 R1	SCREW, cover (4)
6	535 087 R1	WASHER, thrust			

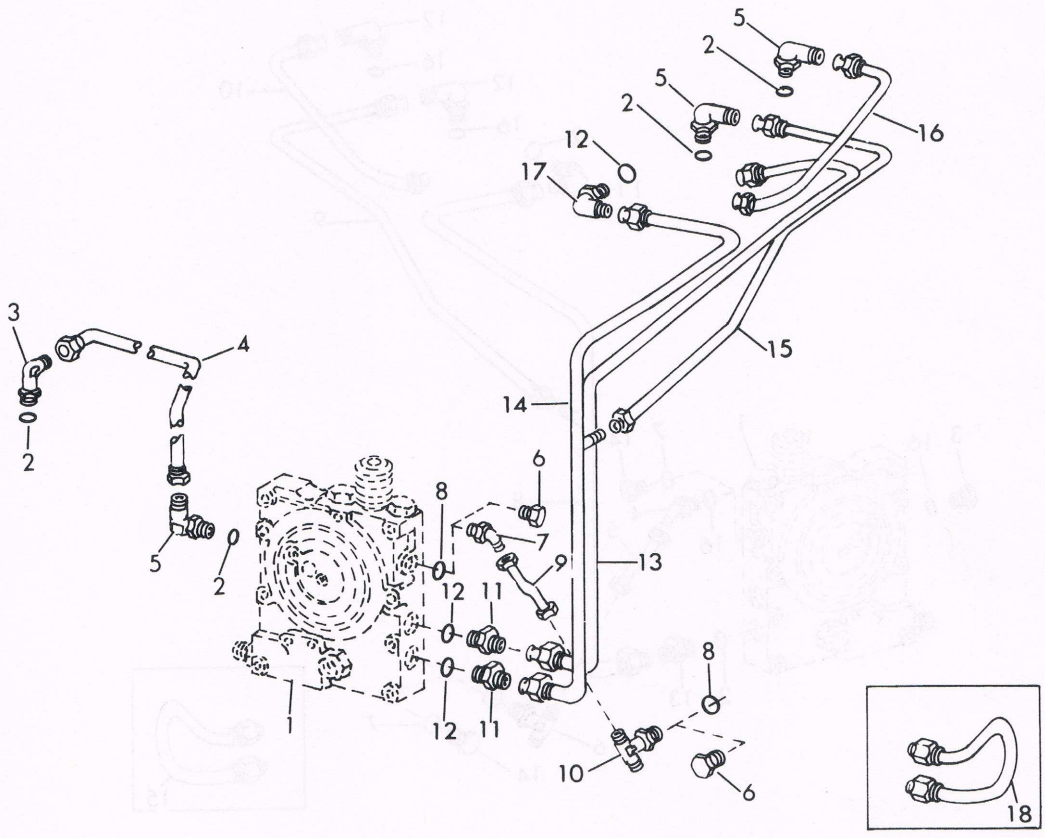
REF. NO.	PART NUMBER	DESCRIPTION
		HYDROSTATIC INTEGRAL STEERING ASSEMBLY (PAY® tractors) — Continued
12	379 785 R1	WASHER, thrust
13	535 091 R1	RING, seal
14	383 878 R1	RING, retaining
15	928 469 C1	WASHER, wave
16	535 093 R1	SPACER
17	535 095 R1	ROTOR SET
18	535 096 R1	MANIFOLD
19	535 097 R1	COMMUTATOR ASSY
20	538 069 R1	DRIVE LINK
21	535 098 R1	SEAL, rotor
22	71 359 C1	SEAL, retainer
23	535 100 R1	WASHER
24	535 101 R1	END COVER ASSY
25	535 102 R1	BOLT, end cover (7)
26	379 901 R91	PLUG AND ROLL PIN ASSY
27	379 795 R1	O-RING, boss plug
28	$	BODY
29	536 360 R1	SPRING, ball preload
30	368 576 R1	NUT
31	16 008 R1	BALL
32	405 790 R91	PACKAGE, vane and spring
33	16 010 R1	BALL (2)
34	$	VALVE, spool
35	(%)	BEARING, needle
36	(@)	SPACER, seal
37	(@)	RING, shaft seal
38	(@)	RING, seal shaft
39	(@)	SEAL

REF. NO.	PART NUMBER	DESCRIPTION
	123 465 C1	PACKAGE, hydrostatic steering assy service (Consists of -
		1 RING $
		1 RING $
		1 SPACER $
		1 SEAL $)

(@) Order PACKAGE, 123 465 C1
(%) Order COVER, 70 115 C1

REF. NO.	PART NUMBER	DESCRIPTION

HYDRAULIC POWER SUPPLY CONNECTIONS
(PAY® tractors)

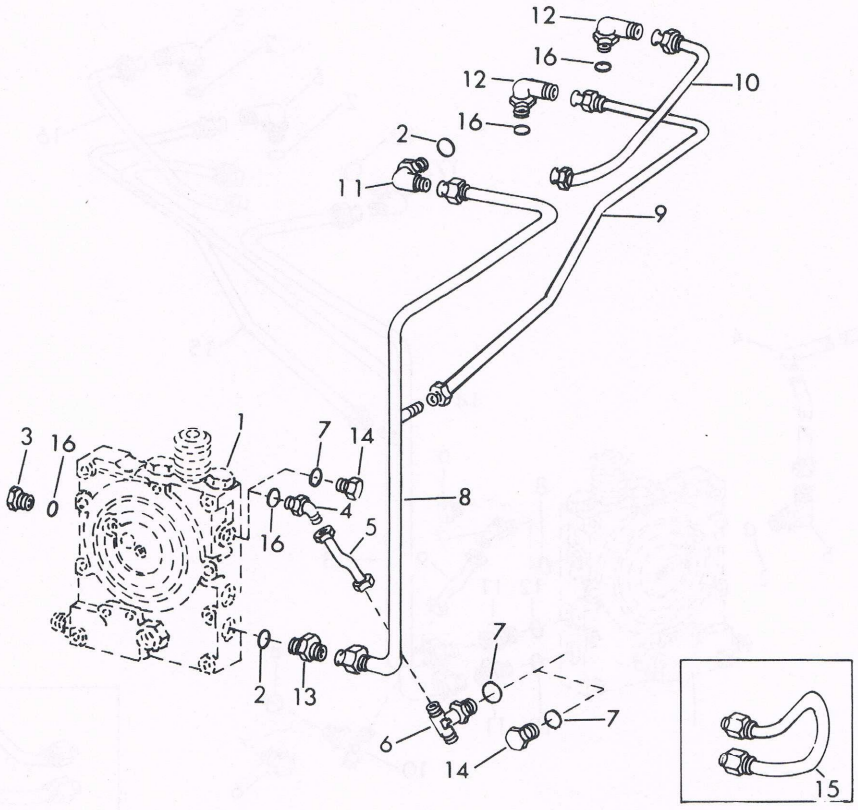


CE-114138

REF. NO.	PART NUMBER	DESCRIPTION
1		VALVE ASSY, multiple control (Refer to "Multiple Control Valve")
2	570 828 R1	O-RING (4)
3	534 773 R2	ELBOW, dump (Hydrostatic drive)
4	529 617 R3	TUBE, dump (Hydrostatic drive)
5	9 410 359	ELBOW (3)
6	9 410 356	PLUG, boss (Tractors without IPTO) (2)
7	9 410 200	ELBOW (Tractors with IPTO)
8	369 751 R1	O-RING (2)
9	539 835 R1	TUBE, IPTO pressure (Tractors with IPTO)
10	9 411 115 9 403 369	TEE (Tractors with IPTO) CAP, tube
11	9 410 204	UNION (2)
12	364 885 R1	O-RING (3)
13	66 761 C1	TUBE, return (Tractor with draft control and/or three point hitch)
14	66 760 C1	TUBE, draft control pressure (Tractors with draft control)
15	66 758 C1	TUBE, variable flow control supply (Tractors with draft control)
16	66 759 C1	TUBE, variable flow (Tractors with draft control)
17	9 410 978	ELBOW (Tractors with draft control)
18	67 261 C1	TUBE, by-pass (Tractors without draft control or three point hitch)

REF. NO.	PART NUMBER	DESCRIPTION

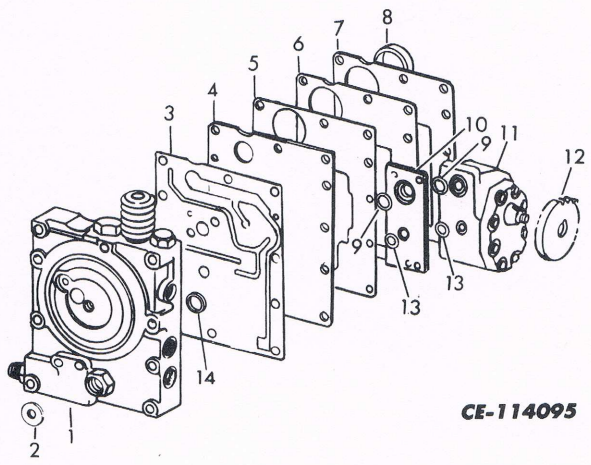
HYDRAULIC POWER SUPPLY CONNECTIONS
(PAY ® loaders)



CE-114132

REF. NO.	PART NUMBER	DESCRIPTION
1		VALVE ASSY, multiple control (Refer to "Multiple Control Valve")
2	364 885 R1	O-RING (3)
3		PLUG, boss (Refer to "Multiple Control Valve")
4	9 410 200	ELBOW (Loaders with IPTO)
5	539 835 R1	TUBE, IPTO pressure (Loaders with IPTO)
6	9 411 115 9 403 369	TEE (Tractors with IPTO) CAP, tube
7	369 751 R1	O-RING (2)
8	66 760 C1	TUBE, draft control pressure (Loader with draft control)
9	66 758 C1	TUBE, variable flow control supply (Loaders with draft control)
10	66 759 C1	TUBE, variable control (Loaders with draft control)
11	9 410 978	ELBOW (Loaders with draft control)
12	9 410 977	ELBOW (Loaders with draft control)
13	9 410 204	UNION (Loaders with draft control)
14	9 410 356	PLUG, boss (Torque Converter Transmission and Loaders without draft control)
15	67 261 C1	TUBE, by-pass (Loaders without draft control and three point hitch)
16	570 828 R1	O-RING (3)

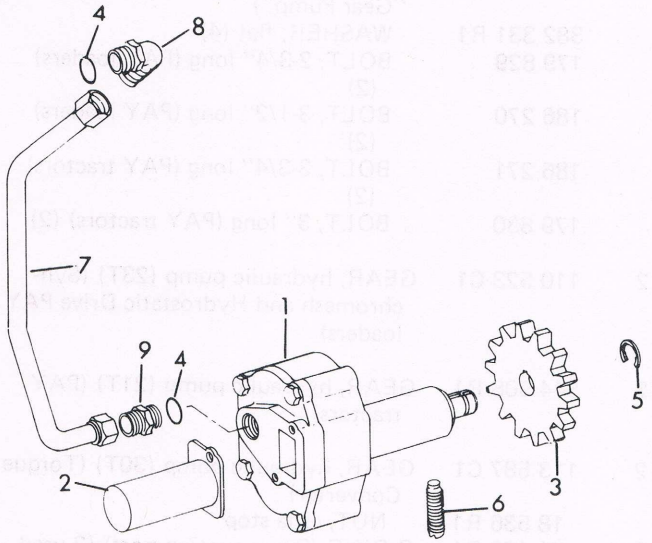
MULTIPLE CONTROL VALVE AND GEAR PUMP MOUNTING



REF. NO.	PART NUMBER	DESCRIPTION
1		VALVE ASSY, multiple control (Refer to "Multiple Control Valve")
	186 284	BOLT, 3-3/4" long (Synchromesh and Hydrostatic)
	179 851	BOLT, 3" long (7 used with Hydrostatic Drive) (9 used with Synchromesh)
	186 285	BOLT, 4" long (Torque Converter)
	186 282	BOLT, 3-1/4" long (2 used with Hydrostatic Drive) (9 used with Torque Converter)
	103 321	WASHER, lock (10)
2	537 517 R1	WASHER, pump identification
3	65 000 C1	GASKET, valve body
4	405 458 R2	PLATE
5	401 736 R3	GASKET
6	126 862 C1	PLATE, spacer (Torque Converter)
7	125 455 C1	GASKET (Torque Converter)
8	707 253 R1	O-RING (Inlet port)
9	372 821 R1	O-RING (Pump suction port) (2 used on tractors without loader mower or loader and mower) (1 used on tractors with loader, mower or loader and mower)
10	544 090 R1	PLATE, pump mounting (PAY tractor)
	19 258 R1	NUT, esna stop
11		PUMP ASSY, hydraulic gear (Refer to "Gear Pump")
	382 331 R1	WASHER, flat (4)
	179 829	BOLT, 2-3/4" long (PAY loaders) (2)
	186 270	BOLT, 3-1/2" long (PAY loaders) (2)
	186 271	BOLT, 3-3/4" long (PAY tractors) (2)
	179 830	BOLT, 3" long (PAY tractors) (2)
12	110 523 C1	GEAR, hydraulic pump (23T) (Synchromesh and Hydrostatic Drive PAY loaders)
12	544 908 R1	GEAR, hydraulic pump (21T) (PAY tractors)
12	113 587 C1	GEAR, hydraulic pump (30T) (Torque Converter)
	18 536 R1	NUT, esna stop
13	21 433 R1	O-RING (Pump suction port) (2 used on tractors without loader mower or loader and mower) (1 used on tractors with loader, mower or loader and mower)
14	387 926 R2	RING, rectangular

REF. NO.	PART NUMBER	DESCRIPTION

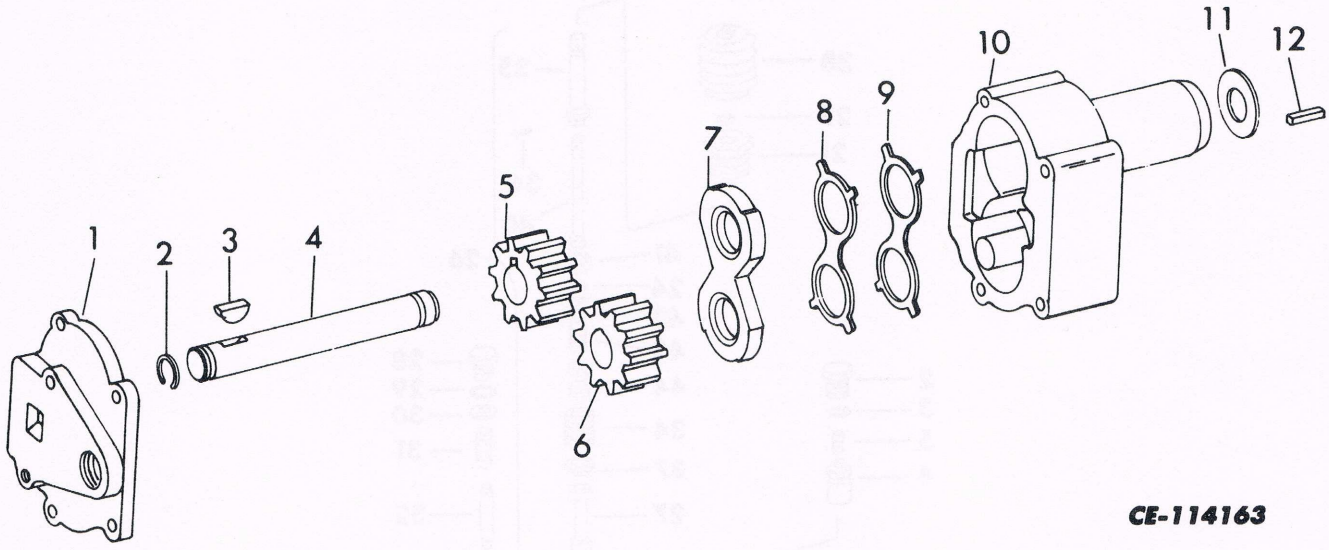
CHARGE PUMP CONNECTIONS
(Torque Converter Transmission)



CE-114144

1		PUMP ASSY, charge (Refer to Charge Pump Assy)
2	113 625 C1	SCREEN, suction
	180 016	BOLT
	120 380	WASHER, lock
3	528 095 R1	GEAR, pump
4	570 828 R1	O-RING (2)
5	971 043 R1	RING, retaining
6	125 446 C1	SCREW, set
	124 824	NUT, jam
7	113 660 C1	TUBE, pump pressure
8	9 410 977	ELBOW
9	9 410 203	CONNECTOR

CHARGE PUMP ASSY
(Torque Converter Transmission)

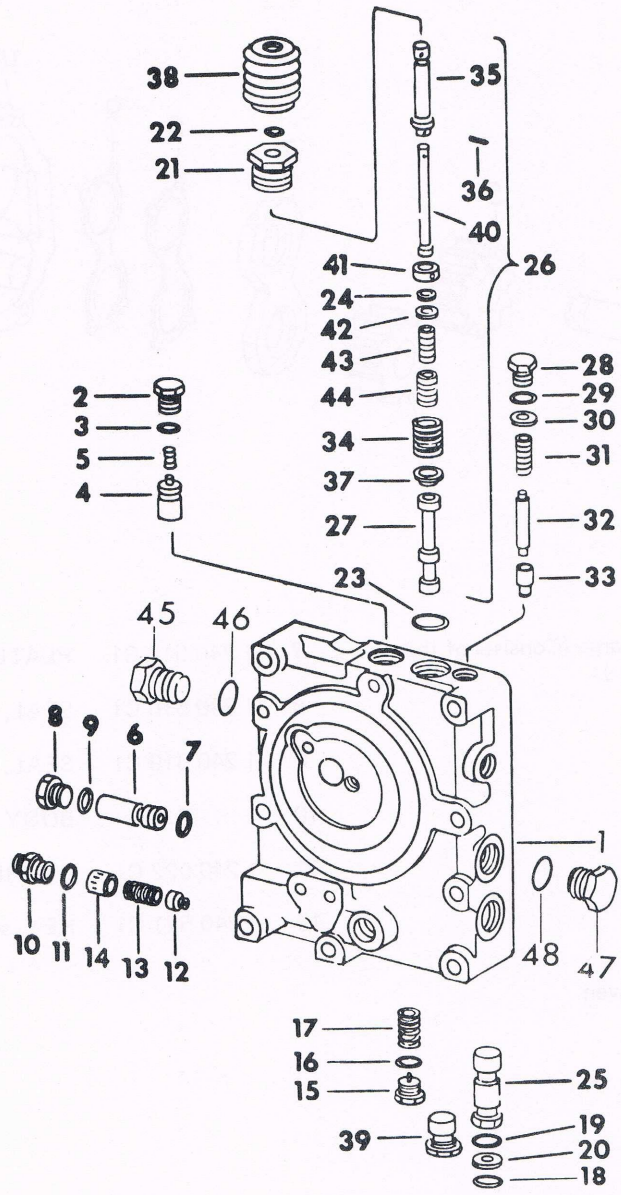


CE-114163

REF. NO.	PART NUMBER	DESCRIPTION
	113 614 C91	PUMP ASSY, charge (Consists of the following parts -)
1	$	COVER, rear
2	1 240 520 C1	RING, retaining
3	124 543	KEY, woodruff
4	$	SHAFT, gear
5	$	GEAR, drive
6	$	GEAR ASSY, driven
7	1 240 517 C1	PLATE, wear
8	1 240 518 C1	SEAL, loading
9	1 240 519 C1	SEAL, pressure loading
10	$	BODY
11	1 240 522 C1	WASHER
12	1 240 521 C1	KEY, square

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

MULTIPLE CONTROL VALVE



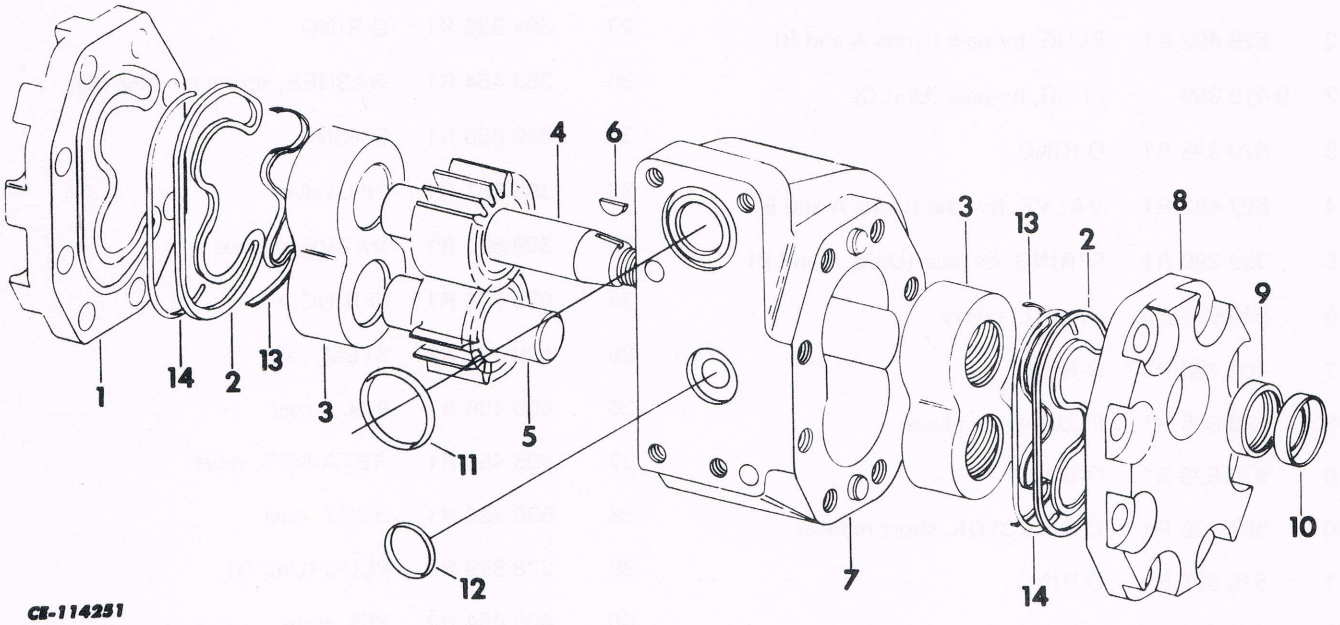
CE-112239

A	57 579 C92	VALVE ASSY, multiple control (PAY tractors without draft control)	C	61 327 C91	VALVE ASSY, multiple control (PAY loaders)
B	1 213 348 C91	VALVE ASSY, multiple control (PAY tractors with draft control)			

MULTIPLE CONTROL VALVE – Continued

REF. NO.	PART NUMBER	DESCRIPTION
1	$	BODY
2	529 492 R1	PLUG, by-pass (Units A and B)
2	9 410 359	PLUG, by-pass (Unit C)
3	570 828 R1	O-RING
4	527 482 R1	VALVE, by-pass (Units A and B)
5	382 299 R1	SPRING, by-pass (Units A and B)
6	546 971 R91	VALVE, safety
7	702 788 R1	O-RING
8	536 855 R1	PLUG, O-ring boss
9	570 828 R1	O-RING
10	587 639 R1	CONNECTOR, short reducer
11	570 828 R1	O-RING
12	382 304 R1	VALVE, check
13	399 869 R1	SPRING, check valve
14	399 870 R1	RETAINER, spring
15	405 446 R1	PLUG, flow divider
16	368 269 R1	O-RING
17	405 448 R1	SPRING
18	364 879 R1	O-RING
19	383 219 R1	O-RING
20	378 985 R2	WASHER, back-up
21	530 781 R2	GUIDE, stem
22	352 221 R1	O-RING
23	297 459 R1	O-RING
24	369 107 R1	SHIM (X)
25		VALVE, pilot relief (Units B and C) (Refer to PILOT RELIEF VALVE)
26	530 775 R93	VALVE ASSY, control (Less SHIM, 369 107 R1)
27	405 452 R2	VALVE, control
28	573 983 R1	PLUG
29	364 839 R1	O-RING
30	363 454 R1	WASHER, spring retainer (X)
31	549 850 R1	SPRING
32	399 881 R1	PIN, valve
33	399 882 R1	VALVE, poppet
34	530 776 R1	SPRING, return
35	530 777 R2	STEM, valve
36	405 456 R1	PIN, dowel
37	405 453 R1	RETAINER, valve
38	530 780 R1	BOOT, dust
39	378 899 R1	PLUG (Unit A)
40	405 454 R2	PIN, guide
41	530 778 R1	RETAINER, pin
42	556 980 R1	WASHER, retainer
43	399 878 R2	SPRING, heavy
44	381 760 R1	SPRING, light
45	9 410 359	PLUG (Unit C)
46	570 828 R1	O-RING (Unit C)
47	9 410 360	PLUG (Unit C)
48	364 885 R1	O-RING (Unit C)

GEAR PUMP (PAY ® tractors)
(Plessey)



REF. NO.	PART NUMBER	DESCRIPTION
	66 513 C91	PUMP ASSY, gear (Consists of the following parts -)
1	$	COVER, pump body
2	(@)	RING, sealing (2)
3	$	BEARING (2)
4	$	GEAR ASSY, drive
5	$	GEAR ASSY, driven
6	124 546	KEY, Woodruff drive gear
7	$	BODY, pump assembly
8	$	COVER, pump body
9	(@)	SEAL, drive shaft
10	$	RETAINER, shaft seal
11	372 821 R1	O-RING, suction port
12	350 667 R1	O-RING, pressure port
13	(@)	STRIP, backing (2)
14	(@)	STRIP, backing (2)
	70 230 C1	PACKAGE, seal (Consists of - 2 RING $ 2 STRIP $ 2 STRIP $ 1 SEAL $)

(@) Order PACKAGE, 70 230 C1

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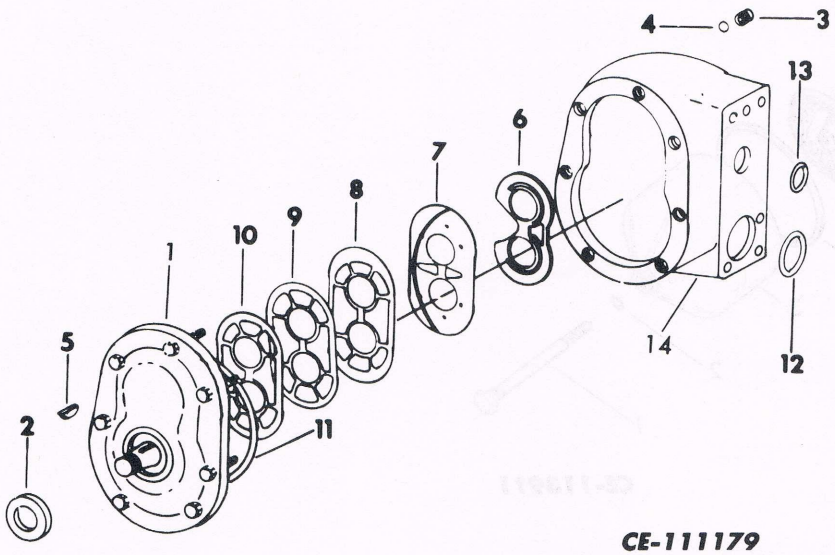
GEAR PUMP (PAY ® loaders)
(Cessna)



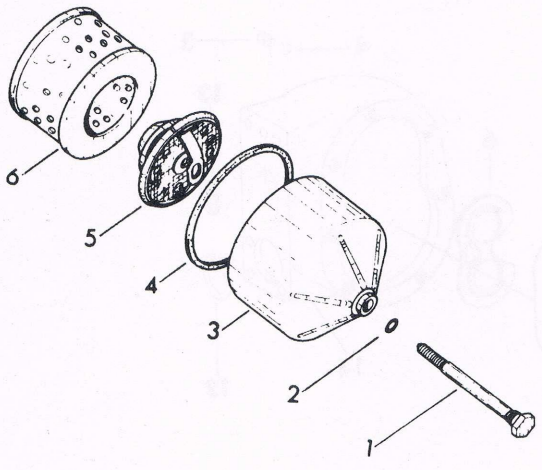
CE-111179

REF. NO.	PART NUMBER	DESCRIPTION
	110 509 C91	PUMP ASSY, gear (Consists of the following parts except ref. no.'s 13 and 14)
1	$	COVER, pump
2	(+)	SEAL, pump shaft oil
3	(+)	SPRING, ball check
4	(+)	BALL
5	124 546	KEY, Woodruff
6	(+)	PLATE, thrust
7	(+)	DIAPHRAGM, pressure
8	(+)	SEAL, diaphragm
9	(+)	GASKET, back-up
10	(+)	GASKET, protector
11	(+)	O-RING, pump cover
12		O-RING, suction port (Refer to MULTIPLE CONTROL VALVE AND GEAR PUMP MOUNTING)
13		O-RING (Refer to MULTIPLE CONTROL VALVE AND GEAR PUMP MOUNTING)
14	$	BODY, pump
	1 240 143 C1	PACKAGE, pump o-ring and gasket (Consists of - 1 BALL $ 1 DIAPHRAGM $ 1 GASKET $ 1 GASKET $ 1 O-RING $ 1 PLATE $ 1 SEAL $ 1 SEAL $ 1 SPRING $)

(+) Order PACKAGE, 1 240 143 C1

REF. NO.	PART NUMBER	DESCRIPTION

OIL FILTER
(On MCV)



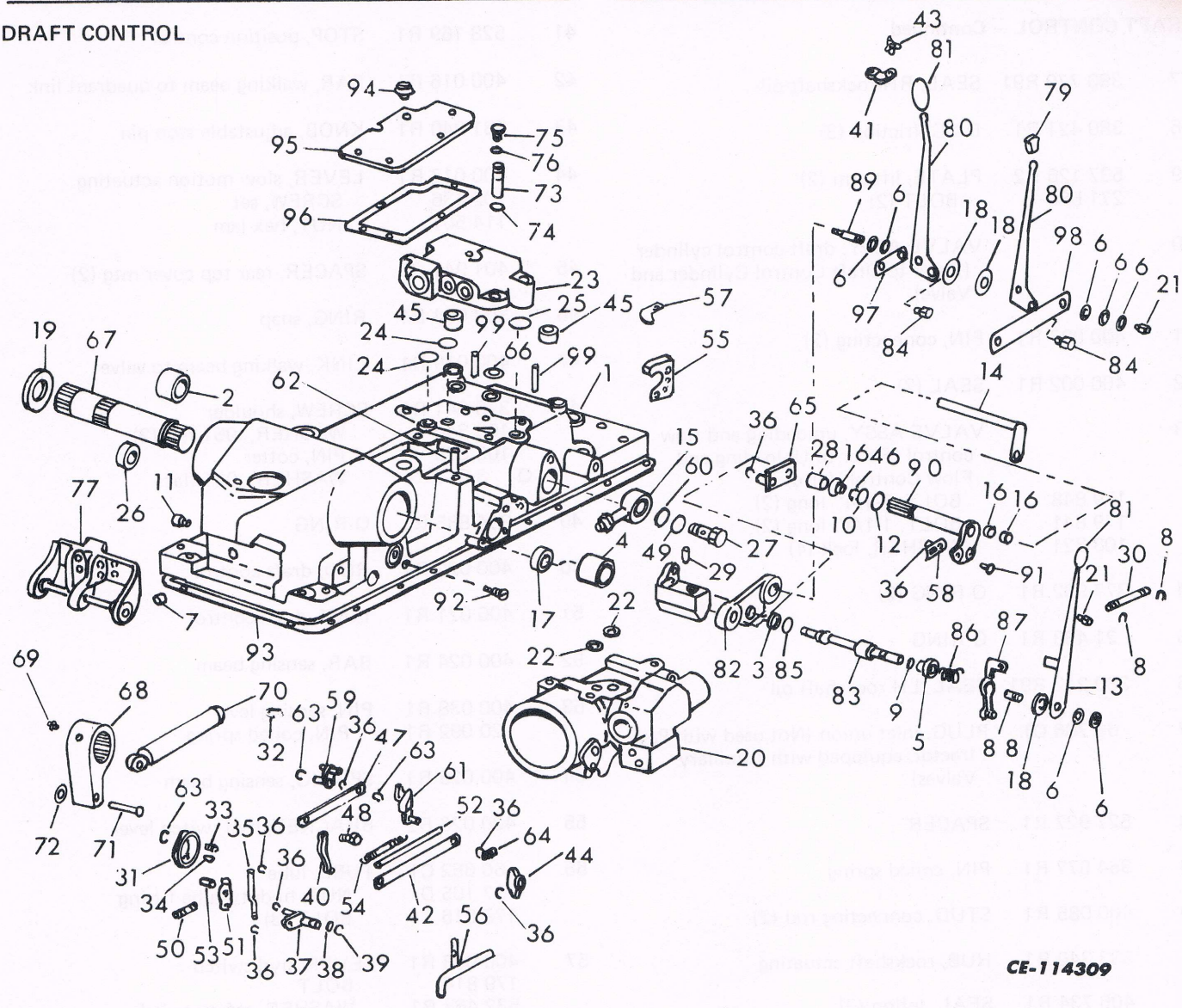
CE-113911

1	68 202 C1	BOLT, oil filter mounting
2	375 271 R1	O-RING (Filter case seal (%) (@)
3	68 209 C1	CASE, filter
4	405 462 R1	GASKET, oil filter case (%) (@)
5	405 464 R2	VALVE AND SCREEN ASSY, by-pass
6	$	ELEMENT ASSY (%) (@)
	530 144 R92	PACKAGE, oil filter element service (Tractors with Synchromesh and Torque Converter Transmission) (Consists of - 1 GASKET 405 462 R1; 1 O-RING 355 966 R1; 1 O-RING 375 271 R1; 1 ELEMENT $)
	65 126 C92	PACKAGE, oil filter element service (Tractors with Hydrostatic Transmissions) (Consists of - 1 GASKET 401 070 R1; 1 GASKET 405 462 R1; 1 O-RING 355 966 R1; 1 O-RING 375 271 R1; 2 ELEMENT $)

(%) Part of PACKAGE, 530 144 R92
(@) Part of PACKAGE, 65 126 C92

REF. NO.	PART NUMBER	DESCRIPTION

DRAFT CONTROL



REF. NO.	PART NUMBER	DESCRIPTION
1	(@)	HOUSING, hydraulic unit (%)
	179 846	BOLT, 1-7/8" long (11)
	179 847	BOLT, 2" long
	179 850	BOLT, 2-3/4" long (2)
	103 321	WASHER, 3/8 lock (14)
	179 885	BOLT, 1-1/2" long (2)
	179 888	BOLT, 1-7/8" long (4)
	103 323	WASHER, 1/2 lock (6)
	20 953 R1	PLUG, sq-hd pipe
2	399 992 R1	BEARING, RH rockshaft (%)
3	529 355 R1	WASHER, back-up (2)
4	527 749 R1	BUSHING, LH rockshaft (%)
5	529 356 R1	PLUG
6	536 847 R1	WASHER, belleville (7)
	18 253 R1	NUT, nylon insert (3)
7	273 279 R91	BEARING, sensing shaft (%) (2)
	376 022 R91	SEAL, oil
8	204 502 R1	RING, snap (4)
9	364 839 R1	O-RING
10	574 069 R1	O-RING
11	399 993 R1	BUSHING, eccentric shaft (%)
12	252 739 R1	O-RING
13	527 921 R1	LEVER, flow control adj
14	534 352 R1	SHAFT, load control
15	66 762 C1	TUBE, inlet union (Not used w/PAY tractors equipped w/Auxiliary Valves)
16	374 940 R1	BEARING, control lever shaft (3)

(@) Order Hydraulic Unit HOUSING ASSY, 406 003 R22
(%) Part of Hydraulic Unit Housing Assy, 406 003 R22

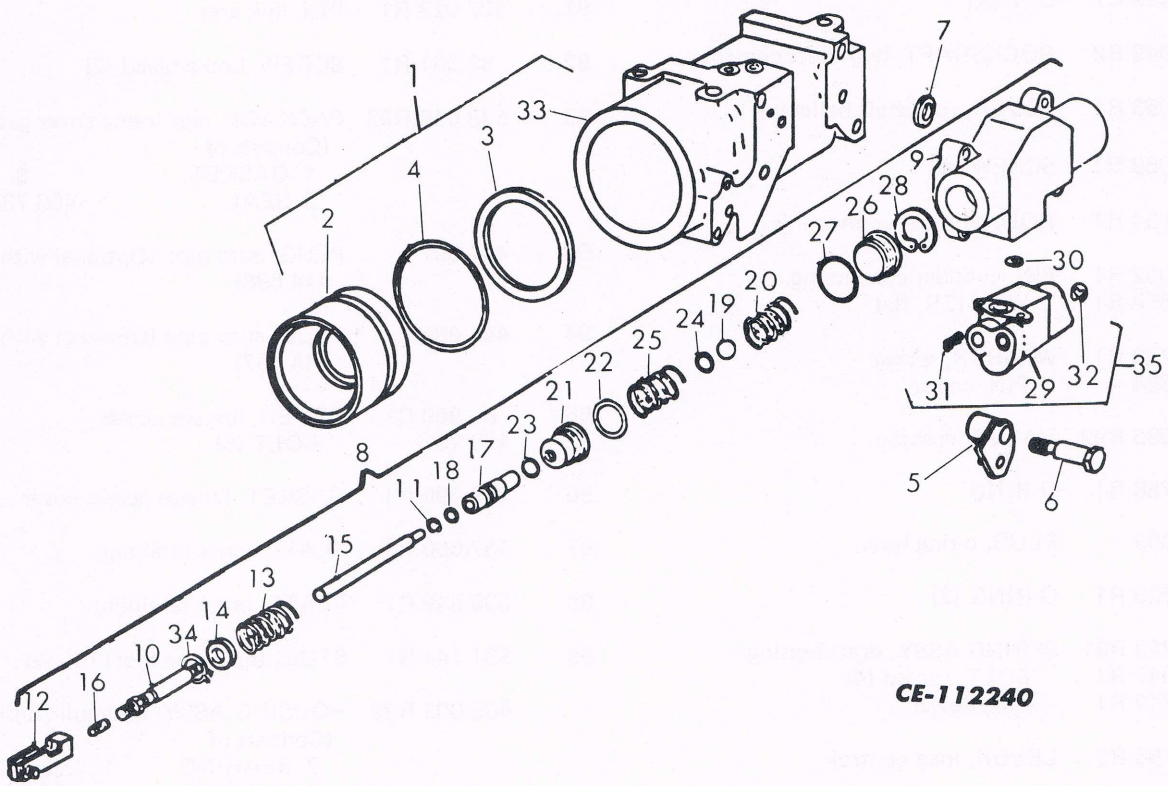
REF. NO.	PART NUMBER	DESCRIPTION
DRAFT CONTROL – Continued		
17	380 770 R91	SEAL, RH rockshaft oil
18	380 421 R1	DISC, friction (3)
19	537 126 R2	PLATE, lift arm (2)
	271 560	BOLT (2)
20		VALVE ASSY, draft control cylinder (Refer to Draft Control Cylinder and Valve)
21	400 087 R1	PIN, connecting (2)
22	400 002 R1	SEAL (2)
23		VALVE ASSY, unloading and flow control (Refer to Unloading and Flow Control Valve)
	179 848	BOLT, 2-1/4" long (2)
	179 841	BOLT, 1-1/4" long (2)
	103 321	WASHER, lock (4)
24	377 952 R1	O-RING (2)
25	21 433 R1	O-RING
26	380 212 R91	SEAL, LH rockshaft oil
27	66 766 C1	PLUG, inlet union (Not used with Pay tractor equipped with Auxiliary Valves)
28	527 927 R1	SPACER
29	364 577 R1	PIN, coiled spring
30	400 085 R1	STUD, connecting rod (2)
31	533 340 R1	HUB, rockshaft actuating
32	406 734 R1	SEAL, teflon (3)
33	377 792 R1	SCREW, set
34	376 057 R1	KEY
35	400 008 R1	LINK, position control walking
36	104 977 R1	RING, retaining (8)
37	400 036 R1	ECCENTRIC, position control
38	355 967 R1	O-RING
39	971 043 R1	RING, snap
	103 341	WASHER, flat
40	400 014 R1	LEVER, follow-up walking beam
41	528 169 R1	STOP, position control
42	400 016 R1	BAR, walking beam to quadrant link
43	531 340 R1	KNOB, adjustable stop pin
44	400 017 R1	LEVER, slow motion actuating
	102 436	SCREW, set
	114 501	NUT, hex jam
45	401 941 R1	SPACER, rear top cover mtg (2)
46	303 004 R1	RING, snap
47	400 019 R1	LINK, walking beam to valve
48	376 041 R1	SCREW, shoulder
	103 340	WASHER, .051 flat (2)
	103 373	PIN, cotter
Q	3 817	WASHER, .021 flat
49	364 885 R1	O-RING
40	400 020 R1	ROD, draft control
51	400 021 R1	LINK, draft control
52	400 024 R1	BAR, sensing beam
53	400 038 R1	PIN, sensing lever
	20 092 R1	PIN, coiled spring
54	400 025 R1	SPRING, sensing beam
55	400 026 R2	BRACKET, hyd switch lever
56	60 652 C1	TUBE, lube
	37 165 D	NUT, hi-duty tube fitting
	179 816	BOLT (3)
57	400 033 R1	LEVER, hyd switch
	179 814	BOLT
	532 467 R1	WASHER, safety switch
	532 468 R1	SPACER, safety switch
58	527 926 R1	LINK, flow control over-ride
59	400 039 R1	PLATE, eccentric
60	384 376 R1	O-RING
61	400 042 R2	LEVER, draft control trigger
62	531 143 R2	STUD, top cover long (%) (2)
63	110 668 R1	RING, retaining (3)
64	400 044 R1	LINK, trigger to quadrant
65	534 728 R1	LEVER, draft sensitivity control

(%) Part of Hydraulic Unit Housing Assy, 406 003 R22

REF. NO.	PART NUMBER	DESCRIPTION
DRAFT CONTROL – Continued		
66	59 099 C1	O-RING
67	400 049 R2	ROCKSHAFT, hyd draft control
68	400 053 R1	LEVER, rockshaft bellcrank
69	376 069 R1	SCREW, set
70	400 054 R1	ROD, cylinder connecting
71	400 052 R1	PIN, cylinder connecting rod
	16 558 R1	WASHER, flat
72	83 723 R1	WASHER, spring
	103 384	PIN, cotter
73	400 095 R92	VALVE, cushion
74	702 788 R1	O-RING
75	9 410 359	PLUG, o-ring boss
76	570 828 R1	O-RING (3)
77	527 229 R91	SPRING ASSY, draft sensing
	21 047 R1	BOLT, soc-hd (4)
	19 842 R1	PIN, dowel
78	528 158 R2	LEVER, load control
79	400 068 R1	GRIP, load control
80	528 159 R1	LEVER, position control
81	400 072 R1	GRIP, position and speed control (2)
82	529 349 R3	SUPPORT, hitch control shaft
83	529 351 R1	SPOOL, variable flow control
84	400 086 R1	PIN, hitch link front (2)
	124 829	NUT, hex jam (2)
85	360 599 R1	O-RING (2)
86	529 352 R1	SPRING, return
87	529 353 R1	ARM, flow control
	102 436	SCREW, sq-hd-ov-pt
	114 501	NUT, hex jam
	65 461 C1	SCREW w/nylon insert hex-soc-set
88	527 919 R1	BOLT, pivot
89	400 081 R1	BOLT, pivot
	19 716 R1	PIN, slt-spring (2)
	179 840	BOLT (3)
	103 321	WASHER, lock (3)
90	400 079 R1	SHAFT, position control lever
91	527 923 R1	PIN, link arm
92	82 301 R1	SCREW, brake bleed (2)
93	538 649 R92	PACKAGE, rear frame cover gasket
		(Consists of -
		1 GASKET $
		3 SEAL 406 734 R1)
94	444 697	PLUG, auto pipe (Optional with 444 698)
94	444 698	PLUG, auto pipe (Optional with 444 697)
95	65 969 C1	COVER, linkage access
	179 791	BOLT (5)
96	399 996 R1	GASKET, linkage access cover
97	537 600 R1	PLATE, inner retaining
98	536 849 R1	PLATE, outer retaining
99	531 144 R1	STUD, top cover short (%) (2)
	406 003 R22	HOUSING ASSY, hydraulic unit
		(Consists of -
		2 BEARING 273 279 R91
		1 BEARING 399 992 R1
		1 BUSHING 527 749 R1
		1 BUSHING 399 993 R1
		1 BUSHING 376 011 R1
		1 HOUSING $
		2 STUD 531 143 R2
		2 STUD 531 144 R1)

(%) Part of Hydraulic Unit Housing Assy, 406 003 R22

DRAFT CONTROL CYLINDER AND VALVE



CE-112240

REF. NO.	PART NUMBER	DESCRIPTION
1	399 885 R11	CYLINDER ASSY, draft control
	179 841	BOLT
	400 000 R1	WASHER (3)
2	399 886 R1	PISTON, draft control
3	378 827 R1	O-RING (%)
4	375 936 R1	WASHER, back-up (%)
5	399 889 E1	ARM, draft retarding
6	399 892 R1	BOLT, shoulder
7	400 002 R1	SEAL (%) (5)
8	399 893 R1	VALVE ASSY, draft control
	179 321	BOLT, 1-1/4" long
	186 280	BOLT, 4-1/2" long
	103 321	WASHER, lock (3)
9	399 894 R1	BODY, draft control valve w/spool
	444 697	PLUG
10	376 756 R11	TUBE, actuator
11	376 771 R1	RING, retaining
12	527 617 R1	ACTUATOR, main valve
13	395 005 R2	SPRING, main valve
14	376 759 R1	RETAINER, spring
15	376 763 R1	ROD, actuating
16	378 101 R1	SCREW, adjusting
17	392 041 R2	SEAT, adjusting
18	406 183 R1	O-RING
19	17 006 R1	BALL
20	376 765 R1	SPRING, pilot valve

(%) Also part of PACKAGE, 404 810 R91

REF. NO.	PART NUMBER	DESCRIPTION

DRAFT CONTROL CYLINDER AND VALVE - Continued

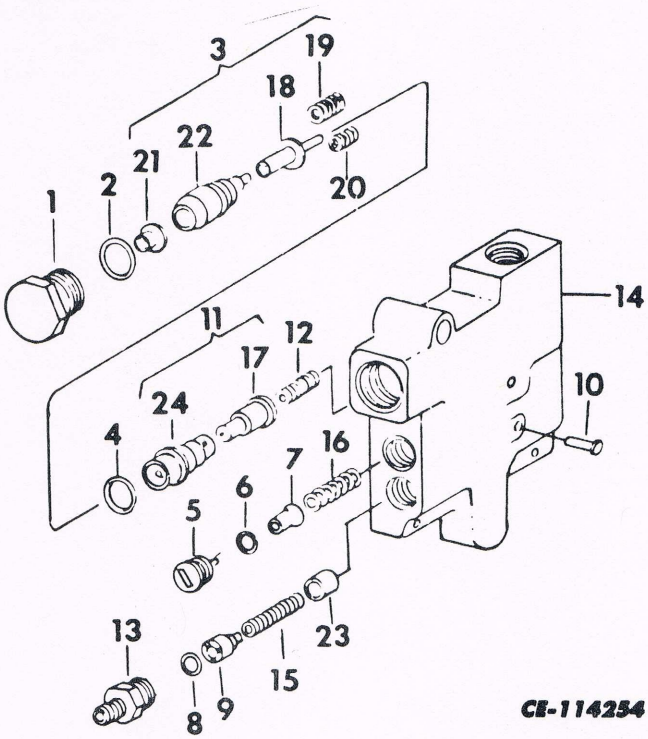
21	376 766 R1	VALVE, drop poppet
22	406 184 R1	O-RING
23	406 182 R1	O-RING
24	376 767 R1	WASHER (%) (2)
25	376 768 R1	SPRING, poppet valve
26	376 770 R1	PLUG, poppet valve
27	391 733 R1	O-RING (%)
28	58 102 R1	RING, retaining
29	$	VALVE, action control
30	382 997 R1	O-RING (%)
31	547 499 R1	SPRING, spool return
32	392 320 R1	RING, retaining
33	$	BODY, cylinder
34	303 322 R1	RING, retaining
35	60 651 C91	VALVE ASSY, control
	179 805	BOLT (2)

404 810 R91 PACKAGE, O-ring service (Consists of -

2	O-RING	382 997 R1
1	O-RING	391 733 R1
1	O-RING	378 827 R1
1	O-RING	379 366 R1
1	O-RING	350 818 R1
1	O-RING	379 365 R1
5	RING	400 002 R1
2	WASHER	376 767 R1
1	WASHER	375 936 R1)

(%) Part of PACKAGE, 404 810 R91

UNLOADING AND FLOW CONTROL VALVE
(For Draft Control)

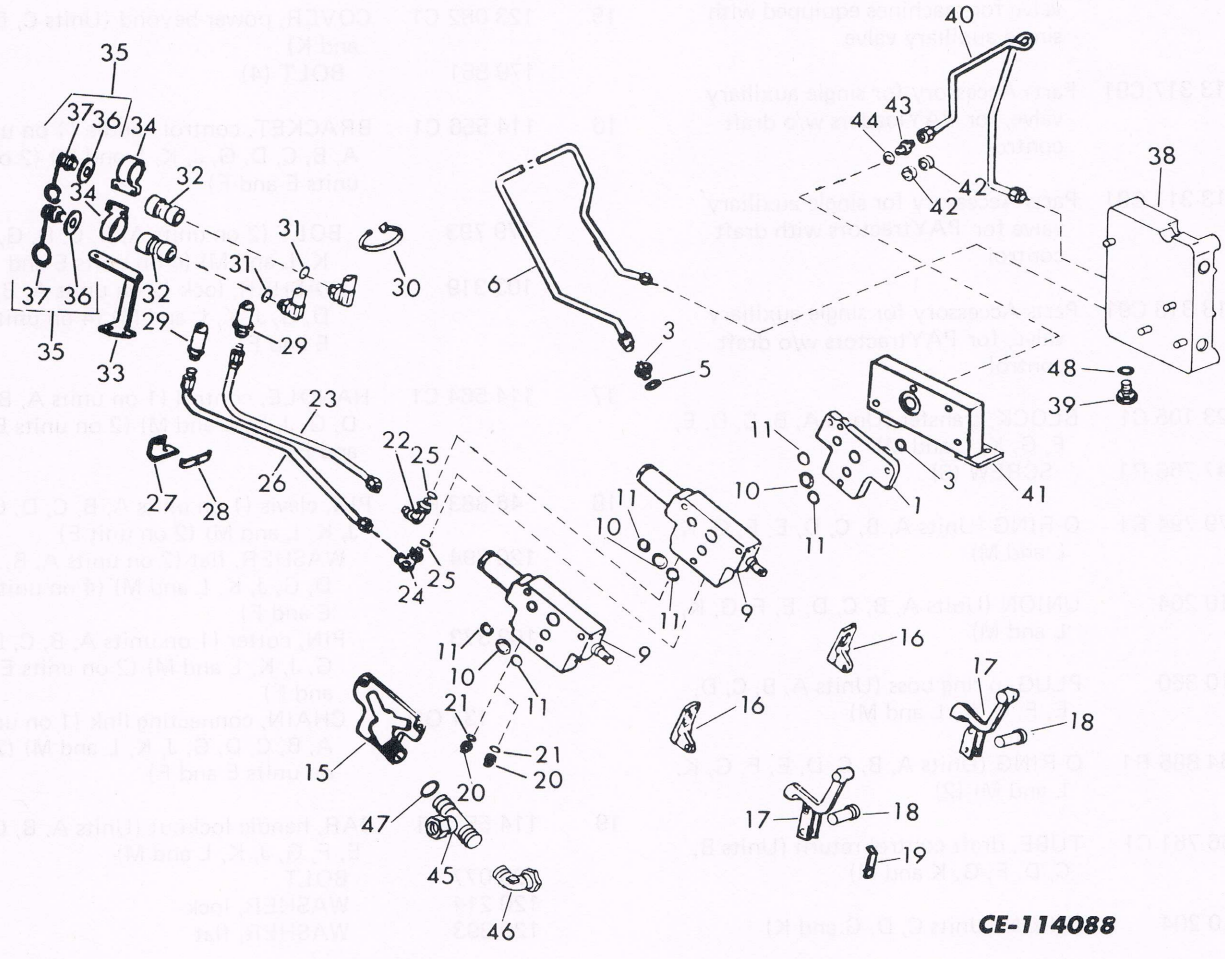


REF. NO.	PART NUMBER	DESCRIPTION
	59 098 C93	VALVE ASSY, unloading and flow control (Consists of the following parts -)
1	545 494 R2	PLUG
2	296 247 R1	O-RING
3	376 762 R11	PISTON ASSY
4	385 713 R1	O-RING, piston
5	399 851 R1	PLUG, check valve
6	570 828 R1	O-RING
7	389 587 R3	VALVE, check poppet
8	570 828 R1	O-RING
9	58 367 C1	GUIDE, spring
10	617 057 R1	PIN, coiled spring
11	530 138 R1	BODY ASSY, unloading valve
12	530 141 R1	SPRING, unloading
13	9 410 203	UNION
14	$	BODY, unloading and flow control valve
15	530 142 R1	SPRING, valve
16	535 547 R1	SPRING, check poppet
17	(@)	VALVE
18	(+)	ROD
19	(+)	SPRING, inner
20	(+)	SPRING, outer
21	(+)	RETAINER
22	(+)	PISTON, unloading valve
23	$	VALVE, flow control
24	(@)	BODY

(@) Order BODY ASSY. 530 138 R1
(+) Order PISTON ASSY, 376 762 R11

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

AUXILIARY VALVES AND CONNECTIONS
(If Equipped)



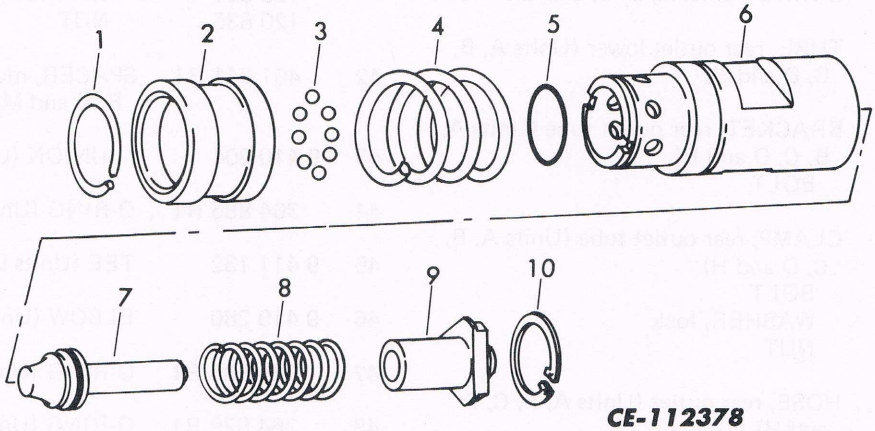
A		Service parts for PAYtractors with single auxiliary valve, rear manifold and draft control, w/o mower valve package
B		Service parts for PAYtractors with single auxiliary valve and rear manifold, w/o draft control
C		Service parts for PAYloaders with single auxiliary valve, rear manifold and draft control
D		Service parts for PAYloaders with single auxiliary valve and rear manifold, w/o draft control
E		Service parts for PAYtractors with double auxiliary valve and draft control
F		Service parts for PAYtractors with double auxiliary valve, w/o draft control
G	1 213 312 C91	Parts Accessory for single auxiliary valve for PAYloaders with draft control
H	114 568 C91	Parts Accessory for rear manifold for machines equipped with single auxiliary valve

REF. NO.	PART NUMBER	DESCRIPTION
AUXILIARY VALVES AND CONNECTIONS — Continued (If Equipped)		
J	114 569 C91	Parts Accessory for second auxiliary valve for machines equipped with single auxiliary valve
K	1 213 317 C91	Parts Accessory for single auxiliary valve, for PAYloaders w/o draft control
L	1 213 311 C91	Parts Accessory for single auxiliary valve for PAYtractors with draft control
M	1 213 316 C91	Parts Accessory for single auxiliary valve, for PAYtractors w/o draft control
1	123 105 C1	BLOCK, transfer (Units A, B, C, D, E, F, G, K, L and M)
	347 756 R1	SCREW (3)
2	379 794 R1	O-RING (Units A, B, C, D, E, F, G, K, L and M)
3	9 410 204	UNION (Units A, B, C, D, E, F, G, K, L and M)
4	9 410 360	PLUG, o-ring boss (Units A, B, C, D, E, F, G, K, L and M)
5	364 885 R1	O-RING (Units A, B, C, D, E, F, G, K, L and M) (2)
6	66 761 C1	TUBE, draft control return (Units B, C, D, F, G, K and M)
7	9 410 204	UNION (Units C, D, G and K)
8	364 885 R1	O-RING (Units C, D, G and K)
9		VALVE ASSY, control (1 on units A, B, C, D, G, J, K L and M) (2 units E and F) (Refer to "Auxiliary Control Valve")
10	383 219 R1	O-RING (1 on units A, B, C, D, G, J, K, L and M) (2 on units E and F)
11	20 947 R1	O-RING (2 on units A, B, C, D, G, J, K, L and M) (4 on units E and F)
12	123 104 C1	COVER, open center, control valves (Units A, B, E, F, L and M)
	179 851	BOLT, 3" long (Units A, B, D, K, L and M) (4)
	450 517	BOLT, 4-3/4" long (Units E and F) (4)
13	9 410 360	PLUG (Units A, B, E, F, L and M)
14	364 885 R1	O-RING (Units A, B, E, F, L and M)
15	123 082 C1	COVER, power-beyond (Units C, D, G and K)
	179 851	BOLT (4)
16	114 556 C1	BRACKET, control handle (1 on units A, B, C, D, G, J, K, L and M) (2 on units E and F)
	179 793	BOLT (2 on units A, B, C, D, G, J, K, L and M) (4 on units E and F)
	103 319	WASHER, lock (2 on units A, B, C, D, G, J, K, L and M) (4 on units E and F)
17	114 564 C1	HANDLE, control (1 on units A, B, C, D, G, J, K, L and M) (2 on units E and F)
18	46 883 H	PIN, clevis (1 on units A, B, C, D, G, J, K, L and M) (2 on unit E)
	120 394	WASHER, flat (2 on units A, B, C, D, G, J, K, L and M) (4 on units E and F)
	103 373	PIN, cotter (1 on units A, B, C, D, G, J, K, L and M) (2 on units E and F)
	131 OD	CHAIN, connecting link (1 on units A, B, C, D, G, J, K, L and M) (2 on units E and F)
19	114 557 C1	BAR, handle lockout (Units A, B, C, D, E, F, G, J, K, L and M)
	180 077	BOLT
	120 214	WASHER, lock
	120 393	WASHER, flat
19	114 558 C1	BAR, handle lockout (Units E, F and J)
	180 077	BOLT
	120 214	WASHER, lock
	120 393	WASHER, flat
20	9 410 360	PLUG, o-ring boss (2 on units G, J, K, L and M) (4 on units E and F)
21	364 885 R1	O-RING (1 on units A, B, C, D and H) (2 on units G, J, K, L and M) (4 on units E and F)
22	9 411 106	ELBOW (Units A, C, and H)
23	114 559 C1	TUBE, rear outlet raise (Units A, B, C, D and H)
24	9 410 978	ELBOW (Units A, B, C, D and H)

REF. NO.	PART NUMBER	DESCRIPTION
AUXILIARY VALVES AND CONNECTIONS – Continued (If Equipped)		
25	364 885 R1	O-RING (Units A, B, C, D and H) (2)
26	114 560 C1	TUBE, rear outlet lower (Units A, B, C, D and H)
27	535 300 R1	BRACKET, rear outlet rube (Units A, B, C, D and H)
	179 889	BOLT
28	535 301 R1	CLAMP, rear outlet tube (Units A, B, C, D and H)
	180 081	BOLT
	120 214	WASHER, lock
	120 376	NUT
29	535 302 R1	HOSE, rear outlet (Units A, B, C, D and H) (2)
30	306 132 C1	STRAP, hose (Units A, B, C, D and H)
31	364 885 R1	O-RING (Units A, B, C, D, and H) (2)
32		COUPLING ASSY, female (Units A, B, C, D, and H) (Refer to "Female Coupling Assy") (2)
33	535 298 R1	BRACKET, rear manifold mounting (Units A, B, C, D and H)
	179 890	BOLT (2)
34	3 114 106 R1	CLAMP, coupling (Units A, B, C, D and H) (2)
	180 079	BOLT (2)
	120 214	WASHER, lock (2)
	120 376	NUT (2)
35	401 757 R11	PLUG, coupling dust w/WASHER 401 758 R1 (Units A, B, C, D and H) (2)
36	401 758 R1	WASHER, dust plug (Units A, B, C, D and H) (2)
37	$	PLUG, dust (Units A, B, C, D and H) (2)
38		VALVE, multiple control (Refer to "Multiple Control Valve")
39		VALVE, pilot relief (Refer to "Pilot Relief Valve") (Units B, F and M)
40	67 298 C1	TUBE, auxiliary valve supply (Units B, F and M)
41	67 294 C1	PLATE, valve mounting (Units B, D, F, K and M)
	179 849	BOLT
	103 321	WASHER, lock
	120 635	NUT
42	401 941 R1	SPACER, mounting plate (Units B, D, F, K and M) (2)
43	9 410 204	UNION (Units B, D, F, K and M)
44	364 885 R1	O-RING (Units B, D, F, K and M)
45	9 411 132	TEE (Units D and K)
46	9 410 280	ELBOW (Units D and K)
47	364 885 R1	O-RING (Units D and K)
48	364 879 R1	O-RING (Units B, F and M)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

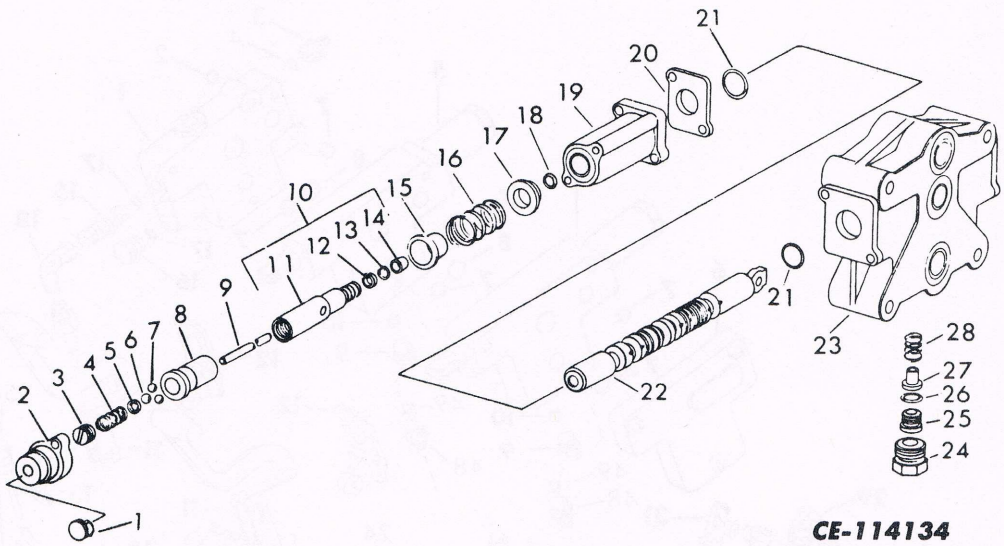
FEMALE COUPLING ASSEMBLY
(For Machines Equipped with Auxiliary Valves)



CE-112378

	395 150 R91	COUPLING ASSY, female (Consists of the following parts)
1	$	STOP, retainer
2	$	RETAINER, ball
3	$	BALL, lock (8)
4	$	SPRING, retainer
5	385 713 R1	O-RING
6	$	BODY, coupling
7	$	VALVE
8	$	SPRING
9	$	RETAINER, spring
10	388 997 R1	RING, retaining

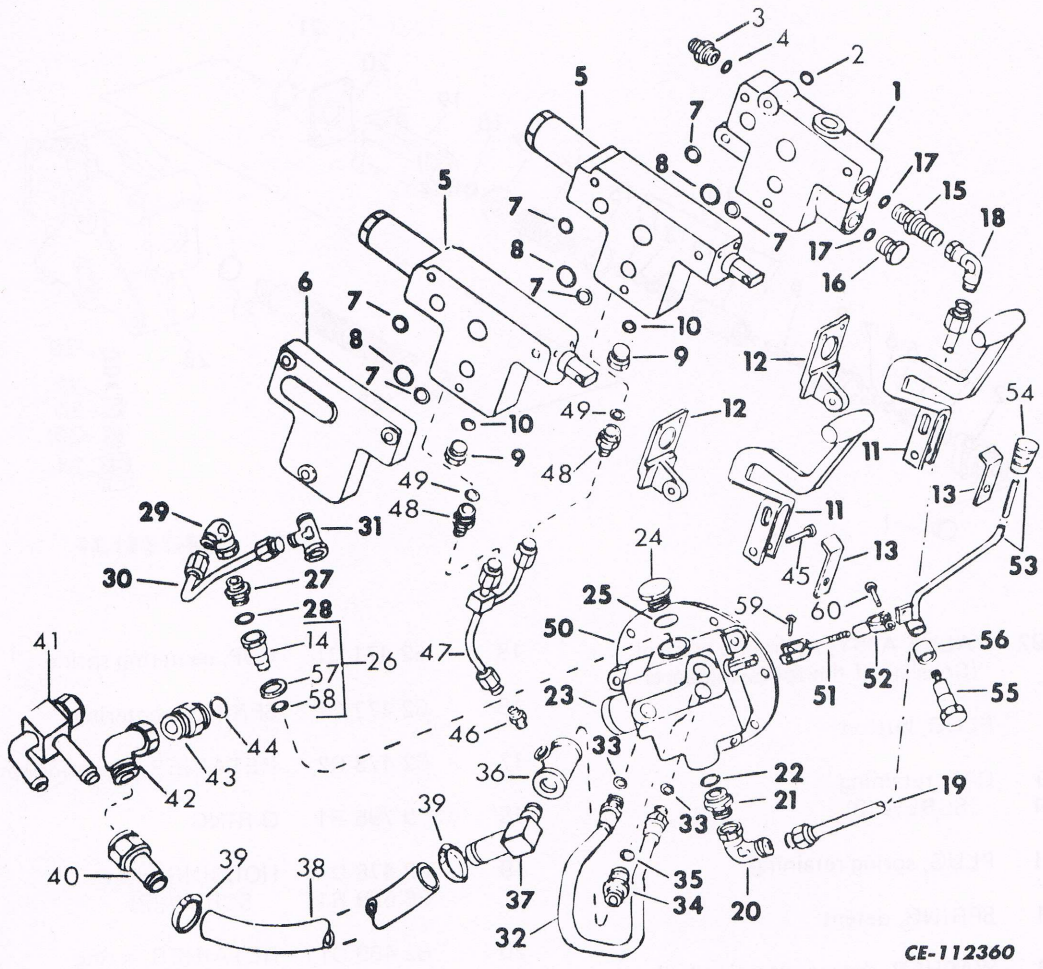
AUXILIARY CONTROL VALVE
(Used w/Auxiliary Valves and Connections)



CE-114134

REF. NO.	PART NUMBER	DESCRIPTION
	62 464 C92	VALVE ASSY, hydraulic control (Consists of the following parts -)
1	432 359	PLUG, button
2	62 482 C1	CAP, retaining
	26 629 R1	SCREW (2)
3	377 803 R1	PLUG, spring retaining
4	114 032 C1	SPRING, detent
5	62 480 C1	WASHER, detent actuating ball
6	17 013 R1	BALL, detent actuating
7	17 007 R1	BALL, detent (3)
8	128 034 C1	SLEEVE, position control
9	529 905 R1	PISTON, unlatching
10	62 474 C91	ACTUATOR ASSY, centering spring
11	$	ACTUATOR, centering spring
12	529 903 R1	WASHER, back-up
13	21 587 R1	O-RING
14	529 904 R1	RETAINER, o-ring
15	62 471 C1	CUP, centering spring
16	62 472 C1	SPRING, centering
17	62 473 C2	RETAINER, centering spring
18	379 795 R1	O-RING
19	62 478 C1	HOUSING, sleeve
	26 629 R1	SCREW (2)
20	62 469 C1	RETAINER, o-ring
21	350 429 R1	O-RING
22	$	SPOOL
23	$	HOUSING, control valve
24	9 410 359	PLUG
25	108 868 C1	SEAT, reverse flow check valve
26	570 828 R1	O-RING
27	108 867 C1	POPPET, reverse flow check valve
28	62 470 C1	SPRING, check valve

INTERNAL PUMP ADAPTING ATTACHMENT
(If Equipped)

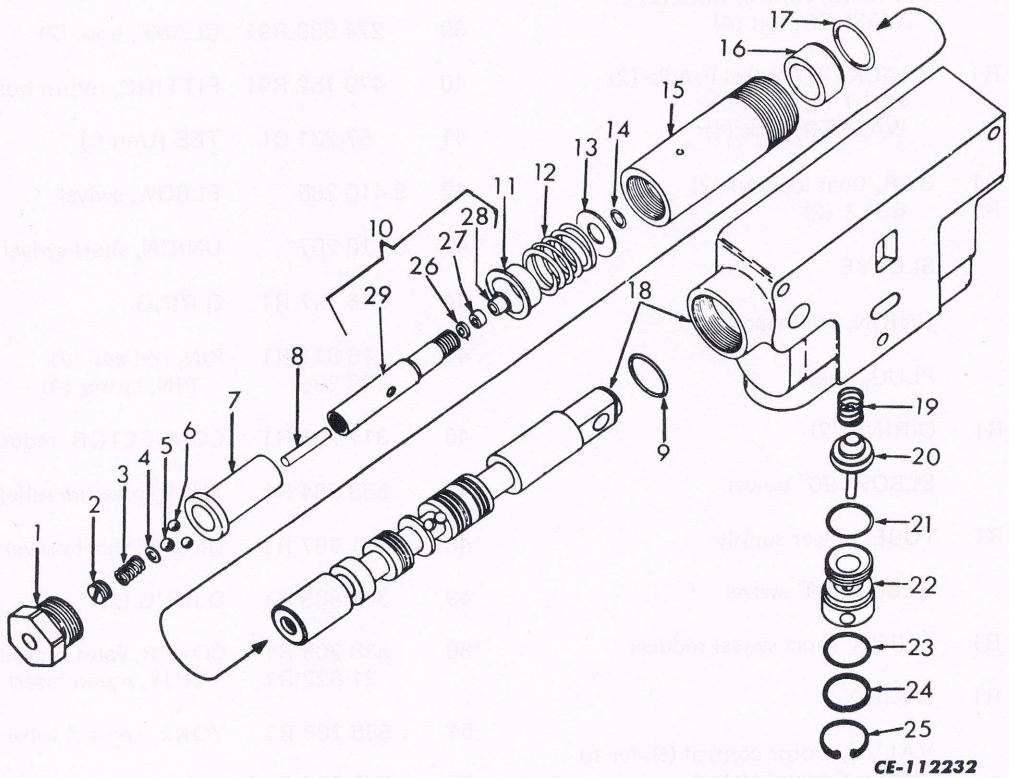


REF. NO.	PART NUMBER	DESCRIPTION
A		Service parts for tractors equipped with 3110 mower and draft control, not equipped with auxiliary valves and/or side PTO
B		Service parts for tractors equipped with draft control and auxiliary valves, not equipped with side mounted pump or side PTO
1		VALVE, flow divider (Refer to Flow Divider Valve)
	179 845	BOLT (2)
2	379 794 R1	O-RING
3	9 410 204	UNION, short swivel
4	364 885 R1	O-RING
5		VALVE, control (Refer to Auxiliary Control Valve) (2)
6	376 023 R4	COVER, control valve
	381 781 R1	BOLT, 5-3/8" long (2)
	20 507 R1	BOLT, 6-3/4" long
6	470 603 R4	COVER, control valve (Unit B)
	381 781 R1	BOLT, 5-3/8" long (2)
	20 507 R1	BOLT, 6-3/4" long
7	381 884 R1	O-RING (6)
8	381 885 R1	O-RING (3)
9	9 410 360	PLUG, boss (2)
10	364 885 R1	O-RING (2)

REF. NO.	PART NUMBER	DESCRIPTION
INTERNAL PUMP ADAPTING ATTACHMENT —Continued (If Equipped)		
11	530 210 R1	HANDLE, control valve (2)
	103 343	WASHER, flat (4)
12	467 948 R1	BRACKET, control handle (2)
	179 816	BOLT (4)
	103 320	WASHER, lock (4)
13	530 211 R1	BAR, float lockout (2)
	382 239 R1	BOLT (2)
14	$	SLEEVE
15	9 403 256	UNION, bulkhead
16	9 410 360	PLUG, boss
17	364 885 R1	O-RING (2)
18	9 410 282	ELBOW, 90° swivel
19	538 200 R1	TUBE, power supply
20	9 410 282	ELBOW, 90° swivel
21	573 206 R1	UNION, short swivel reducer
22	368 269 R1	O-RING
23		VALVE, motor control (Refer to Motor Control Valve)
24	478 483 R1	PLUG, body
25	635 971 R1	GASKET, sleeve
26	477 816 R91	PACKAGE, power beyond (Unit B)
27	573 206 R1	UNION, short swivel reducer (Unit B)
28	368 269 R1	O-RING (Unit B)
29	9 410 282	ELBOW, 90° swivel (Unit B)
30	538 202 R1	TUBE, loader power beyond (Unit B)
31	9 410 334	TEE, 90° swivel (Unit B)
32	547 665 R91	HOSE
33	364 885 R1	O-RING (2)
34	587 638 R1	CONNECTOR, reducer
35	364 885 R1	O-RING
36	218 250	TEE, reducing pipe
37	477 814 R1	ELBOW, return line
38		HOSE, dump line (Cut length 25.4 mm (1") ID x 304.8 mm (12") long) (Cut from BULK HOSE 490 960 R1)
39	274 086 R91	CLAMP, hose (2)
40	479 152 R91	FITTING, return hose
41	57 231 C1	TEE (Unit B)
42	9 410 285	ELBOW, swivel
43	9 410 207	UNION, short swivel
44	296 247 R1	O-RING
45	16 811 R1	PIN, rod end (4)
	103 385	PIN, cotter (4)
46	317 783 R1	CONNECTOR, reducer
47	538 204 R1	TUBE, pressure relief
48	391 797 R1	UNION, short swivel reducer (2)
49	364 885 R1	O-RING (2)
50	538 205 R1	COVER, valve mounting
	21 622 R1	NUT, nylon insert (3)
51	538 208 R1	YOKE, control valve
52	355 975 R1	YOKE, rod control
	120 369	NUT, hex
53	538 211 R91	HANDLE, w/GRIP, 397 931 R2, valve control
54	397 931 R2	GRIP
55	538 215 R1	BOLT, pivot
56	1 201 773 C1	TUBE, pivot (Unit A)
56	538 214 R1	TUBE, pivot (Unit B)
	49 609 D	WASHER, flat
57	635 971 R1	GASKET (Unit B)
58	666 218 R1	SEAL (Unit B)
59	130 368 H	PIN, standard head
	121 223	PIN, cotter
60	138 084	PIN, rod end
	121 224	PIN, cotter
	490 960 R1	HOSE, bulk 25.4 mm ID x 15.24 m (50 ft) long (X)

REF. NO.	PART NUMBER	DESCRIPTION

AUXILIARY CONTROL VALVE
(Used w/Internal Pump Adapting Attach)



	529 912 R92	VALVE ASSY, hydraulic control (Consists of the following parts -)
1	376 425 R1	CAP, control valve
	432 539	PLUG, button
2	377 803 R1	PLUG, spring retaining
3	377 802 R1	SPRING, detent
4	377 801 R1	WASHER, detent
5	17 010 R1	BALL
6	17 008 R1	BALL (3)
7	376 426 R2	SLEEVE, position control
8	529 913 R1	PISTON, unlatching
9	253 070 R1	O-RING (%)
10	529 906 R91	ACTUATOR, centering spring
11	376 423 R1	RETAINER, spring
12	376 422 R1	SPRING, centering
13	376 420 R2	WASHER, spring thin
14	359 158 R1	O-RING (%)
15	395 783 R2	SLEEVE, cap retaining (@)

(%) Also part of PACKAGE, 383 548 R92
(@) Also part of PACKAGE, 548 788 R91

REF. NO.	PART NUMBER	DESCRIPTION

AUXILIARY CONTROL VALVE - Continued
(Used w/Internal Pump Adapting Attachment)

16	395 781 R3	RETAINER, spool o-ring (@)
17	364 879 R1	O-RING (@)
18	$	BODY, control valve
19	395 278 R1	SPRING, poppet valve (%)
20	395 277 R1	VALVE, poppet (%)
21	380 839 R1	O-RING (%)
22	383 280 R1	RETAINER, poppet (%)
23	383 219 R1	O-RING (%)
24	376 433 R1	WASHER, back-up (%)
25	537 603 R1	RING, snap (%)
26	529 908 R1	WASHER, back-up
27	529 909 R1	O-RING, centering spring
28	529 904 R1	PLUG, actuator valve
29	$	ACTUATOR

383 548 R92 PACKAGE, control valve (Consists of -

1 O-RING	253 070 R1
1 O-RING	364 879 R1
1 SPRING	395 278 R1
1 RETAINER	383 280 R1
1 RING	537 603 R1
1 VALVE	395 277 R1
1 O-RING	359 158 R1
1 WASHER	376 433 R1
1 O-RING	383 219 R1
1 O-RING	380 839 R1)

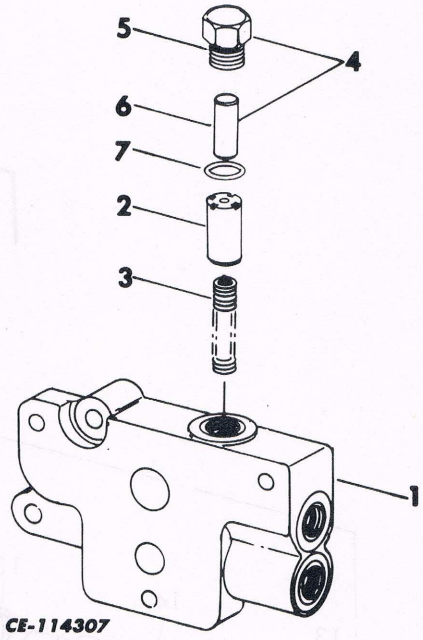
548 788 R91 PACKAGE, control valve lower seal (Consists of -

1 O-RING	364 879 R1
1 RETAINER	395 781 R3
1 SLEEVE	395 783 R2)

(%) Also part of PACKAGE, 383 548 R92
(@) Also part of PACKAGE, 548 788 R91

REF. NO.	PART NUMBER	DESCRIPTION

FLOW DIVIDER VALVE
(For Machine Equipped w/Internal Pump Adapting Attachment)

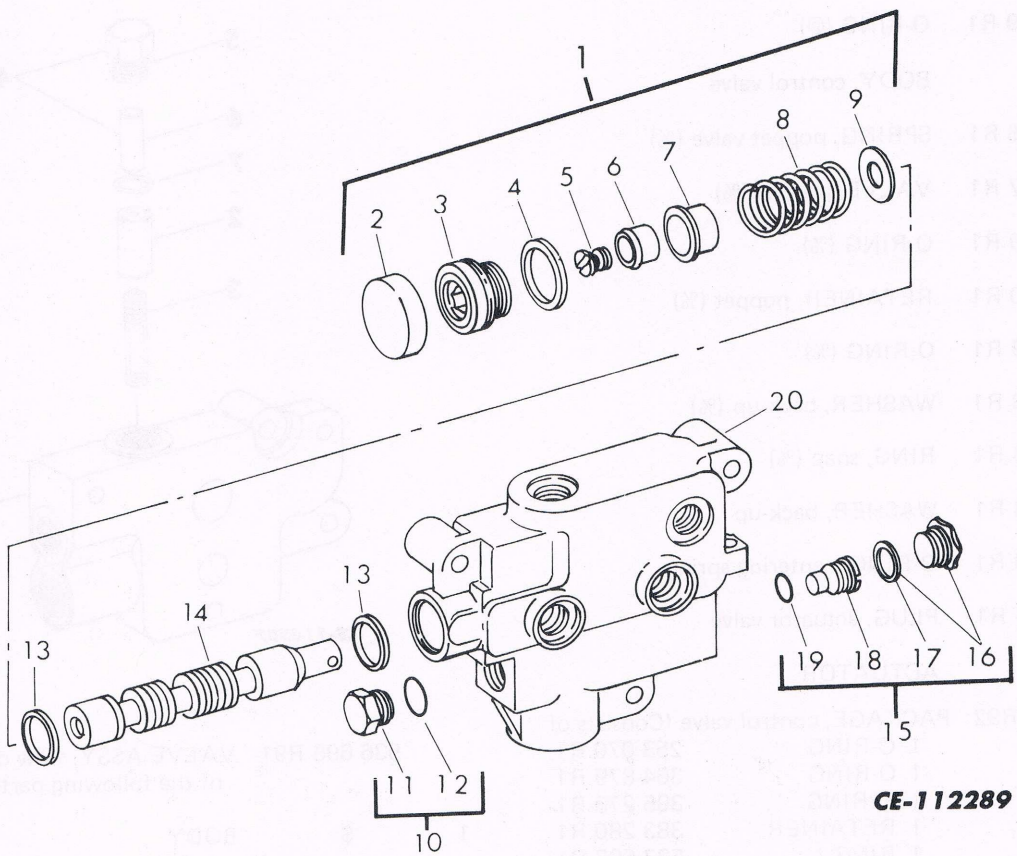


536 698 R91 VALVE ASSY, flow divider (Consists of the following parts -)

1	$	BODY
2	$	SPOOL
3	536 701 R1	SPRING
4	536 702 R1	STOP ASSY
5	(+)	STOP
6	(+)	PIN, dowel
7	364 885 R1	O-RING

(+) Order STOP ASSY, 536 702 R1.

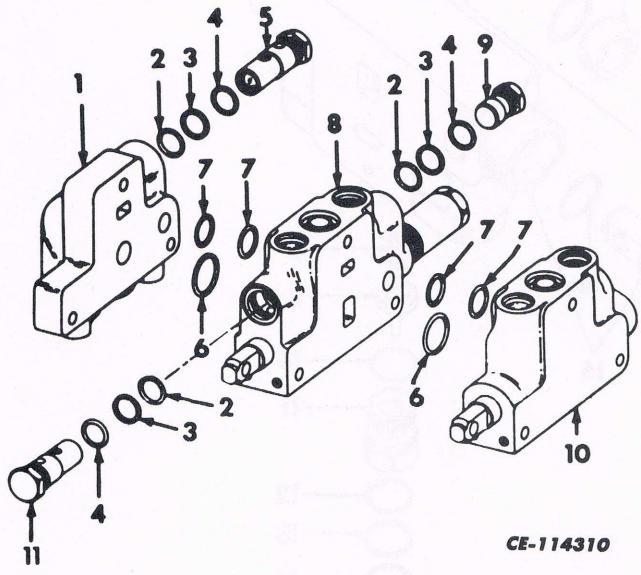
MOTOR CONTROL VALVE
(Used Only on Units Equipped with Internal Pump Adapting Attachment)



REF. NO.	PART NUMBER	DESCRIPTION
	538 201 R91	VALVE ASSY, motor control (Consists of the following parts -)
1	63 821 C91	VALVE ASSY, positioning
2	63 822 C1	CAP, bonnet
3	63 823 C1	VALVE, detent
4	63 829 C1	SPACER, detent
5	63 824 C1	BOLT, shoulder
6	63 825 C1	PLUNGER, detent
7	63 826 C1	COLLAR, stop
8	63 827 C1	SPRING
9	63 828 C1	WASHER, stop
10	63 830 C1	PLUG ASSY
11	$	PLUG
12	377 952 R1	O-RING
13	63 834 C1	SEAL, spool packing
14	$	SPOOL
15	63 831 C91	PLUG ASSY
16	63 833 C1	PLUG w/gasket, outer
17	$	GASKET
18	63 832 C1	PLUG, inner
19	570 828 R1	O-RING
20	$	BODY

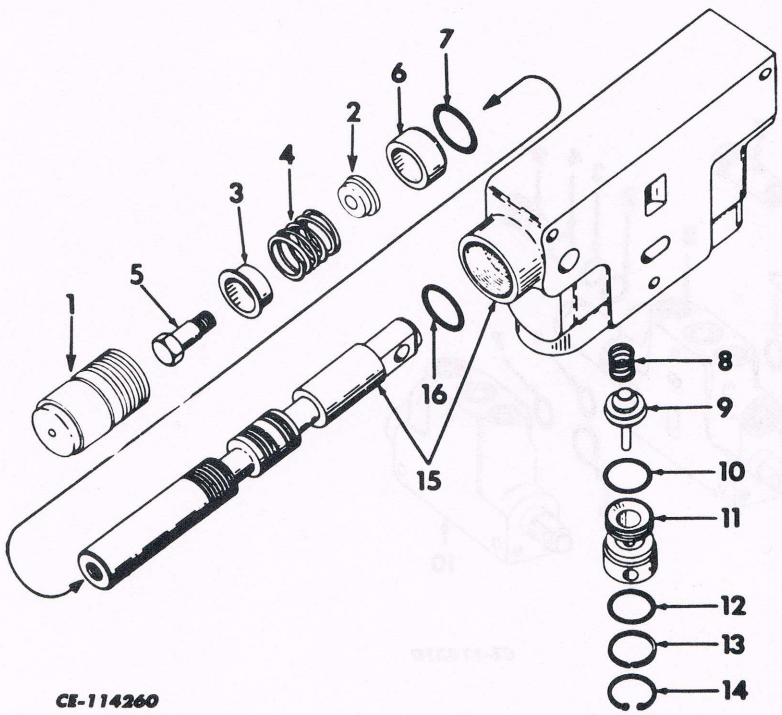
REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

LOADER VALVE BANK
(PAY® loaders Only)



1	379 361 R3	COVER, valve inlet
	381 782 R1	BOLT, 5-7/8" long (2)
	20 847 R1	BOLT, 6-1/4" long
	102 635	NUT, hex (3)
	527 476 R1	WASHER, (6)
2	383 219 R1	O-RING (3)
3	378 985 R2	WASHER, relief valve back-up (3)
4	364 879 R1	O-RING (3)
5		VALVE, pilot relief (Refer to "Pilot Relief Valve")
6	381 885 R1	O-RING (2)
7	381 884 R1	O-RING (4)
8		VALVE, loader boom control (Refer to "Loader Boom Control Valve")
9	378 899 R1	PLUG, relief, valve chamber
10		VALVE, loader bucket control (Refer to Loader "Bucket Control Valve")
11	382 479 R91	VALVE, cushion relief (2500 psi)

LOADER BUCKET CONTROL VALVE



CE-114260

REF. NO.	PART NUMBER	DESCRIPTION
	57 290 C92	VALVE ASSY, control (Consists of the following parts -)
1	395 782 R2	CAP (@)
2	406 825 R1	RETAINER
3	376 423 R1	RETAINER
4	384 381 R1	SPRING
5	395 950 R1	BOLT
6	395 781 R3	RETAINER (@)
7	364 879 R1	O-RING (@) (%)
8	395 278 R1	SPRING (%)
9	395 277 R1	VALVE (%)
10	380 839 R1	O-RING (%)
11	383 280 R1	RETAINER (%)
12	383 219 R1	O-RING (%)
13	376 433 R1	WASHER (%)
14	537 603 R1	RING (%)
15	$	BODY ASSY, control valve
16	253 070 R1	O-RING (%)

383 548 R92 PACKAGE, open center control valve (Consists of -

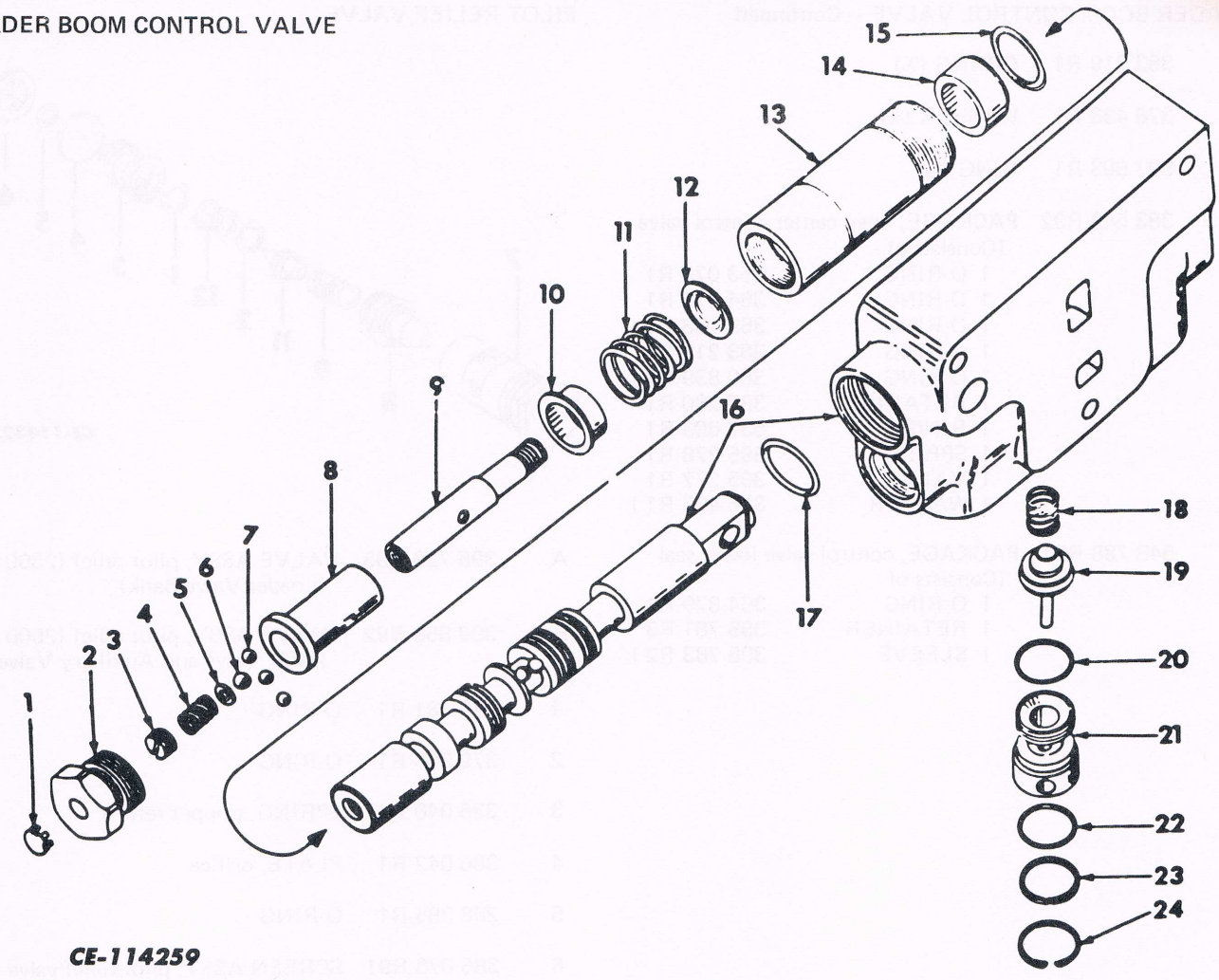
1 O-RING	253 070 R1
1 O-RING	364 879 R1
1 O-RING	359 158 R1
1 O-RING	383 219 R1
1 O-RING	380 839 R1
1 RETAINER	383 280 R1
1 RING	537 603 R1
1 SPRING	395 278 R1
1 VALVE	395 277 R1
1 WASHER	376 433 R1)

548 787 R91 PACKAGE, control valve lower seal (Consists of -

1 CAP	395 782 R2
1 O-RING	364 879 R1
1 RETAINER	395 781 R3)

(%) Part of PACKAGE 383 548 R92
(@) Part of PACKAGE 548 787 R91

LOADER BOOM CONTROL VALVE



CE-114259

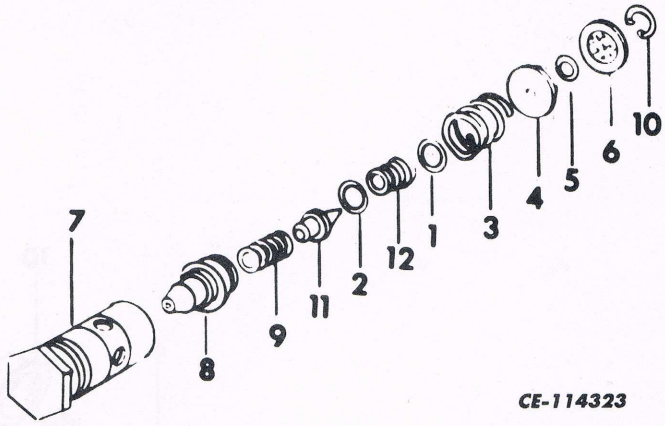
REF. NO.	PART NUMBER	DESCRIPTION
	383 269 R96	VALVE ASSY, control (4 position) (Consists of the following parts -)
1	432 539	PLUG, button
2	376 425 R1	CAP, control valve
3	377 803 R1	PLUG, retaining
4	377 802 R1	SPRING, detent
5	377 801 R1	WASHER
6	17 010 R1	BALL
7	17 008 R1	BALL (3)
8	376 428 R2	SLEEVE, position control
9	382 661 R3	ACTUATOR, centering spring
10	376 423 R1	RETAINER, spring
11	384 381 R1	SPRING
12	376 420 R2	WASHER
13	395 783 R2	SLEEVE, retaining (@)
14	395 781 R3	RETAINER (@)
15	253 070 R1	O-RING (%) (@)
16	$	BODY ASSY, control valve
17	364 879 R1	O-RING (%) (@)
18	395 278 R1	SPRING (%)
19	395 277 R1	VALVE (%)
20	380 839 R1	O-RING (%)
21	383 280 R1	RETAINER (%)

(%) Part of PACKAGE, 383 548 R92
(@) Part of PACKAGE, 548 788 R91

REF. NO.	PART NUMBER	DESCRIPTION
		LOADER BOOM CONTROL VALVE – Continued
22	383 219 R1	O-RING (%)
23	376 433 R1	WASHER (%)
24	537 603 R1	RING (%)
	383 548 R92	PACKAGE, open center control valve (Consists of -
		1 O-RING 253 070 R1
		1 O-RING 364 879 R1
		1 O-RING 359 158 R1
		1 O-RING 383 219 R1
		1 O-RING 380 839 R1
		1 RETAINER 383 280 R1
		1 RING 537 603 R1
		1 SPRING 395 278 R1
		1 VALVE 395 277 R1
		1 WASHER 376 433 R1)
	548 788 R91	PACKAGE, control valve lower seal (Consists of -
		1 O-RING 364 879 R1
		1 RETAINER 395 781 R3
		1 SLEEVE 395 783 R2)

(%) Part of PACKAGE, 383 548 R92
(@) Part of PACKAGE, 548 788 R91

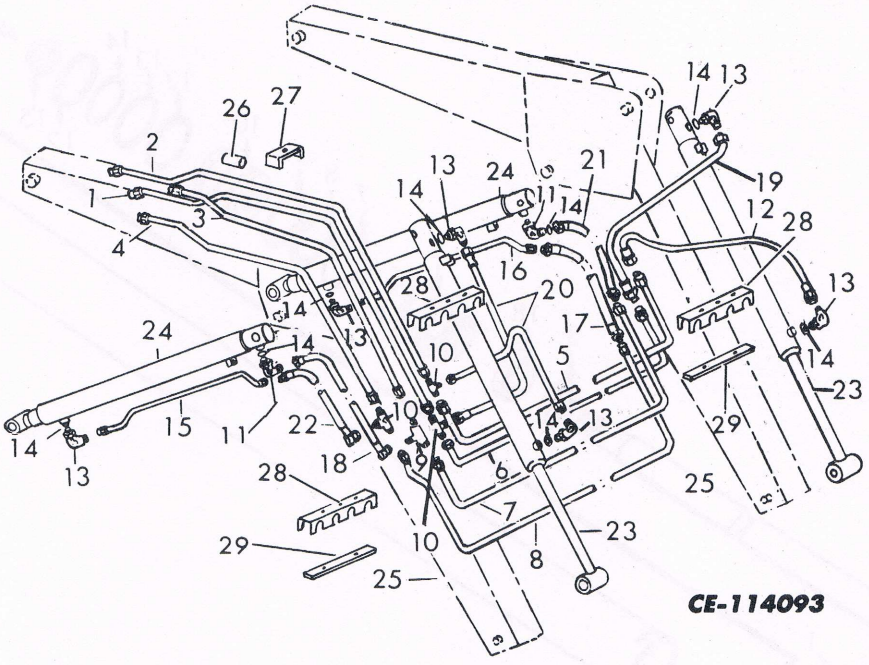
PILOT RELIEF VALVE



CE-114323

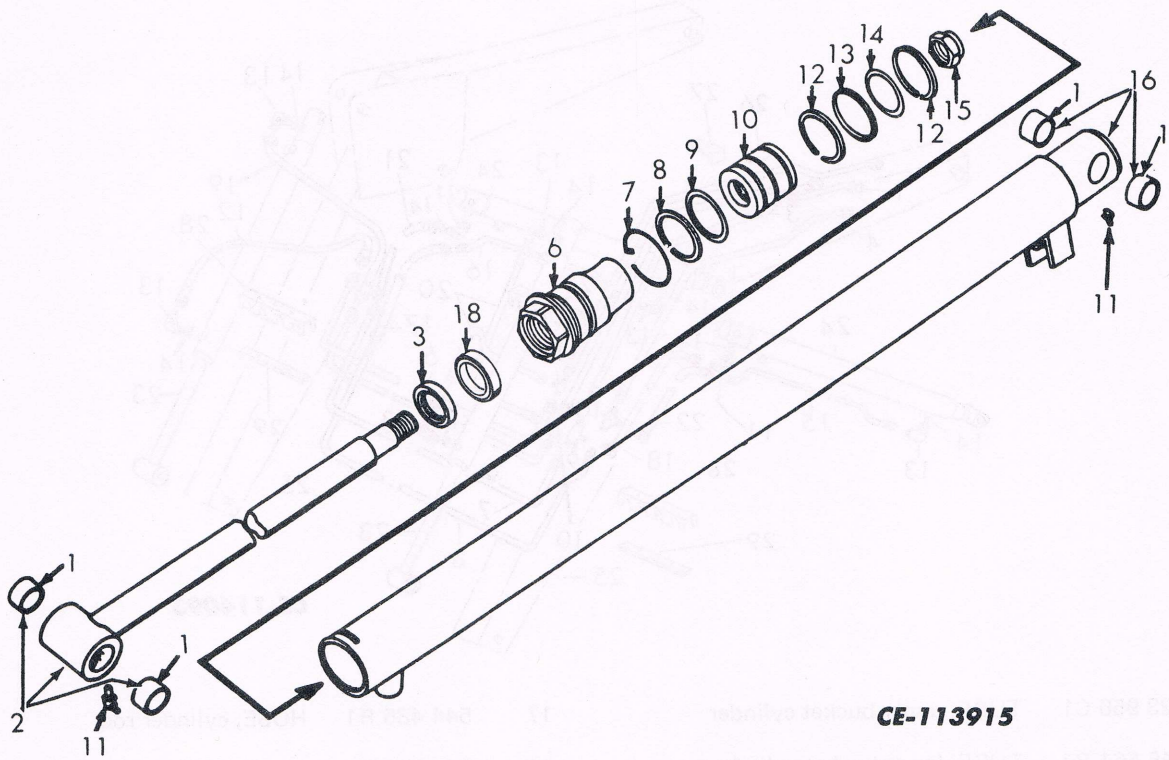
REF. NO.	PART NUMBER	DESCRIPTION
A	396 729 R93	VALVE ASSY, pilot relief (2300 psi) (Loader Valve Bank)
B	399 858 R92	VALVE ASSY, pilot relief (2500 psi) (MCV Valve and Auxiliary Valves)
1	379 181 R1	O-RING
2	379 366 R1	O-RING
3	386 040 R1	SPRING, poppet return
4	386 042 R1	PLATE, orifice
5	298 385 R1	O-RING
6	386 073 R91	SCREEN ASSY, pilot relief valve
7	$	BODY, relief valve
8	$	POPPET, pilot relief valve
9	$	SPRING, pilot relief
10	$	RING, cap retaining
11	$	POPPET (Units A)
12	$	SEAT, valve (Units A)

LOADER TUBES AND CONNECTIONS
(PAY ® loader Only)



REF. NO.	PART NUMBER	DESCRIPTION
1	123 956 C1	TUBE, upper bucket cylinder
2	545 561 R1	TUBE, lower bucket cylinder
3	545 559 R1	TUBE, upper lift cylinder
4	545 560 R1	TUBE, lower lift cylinder
5	545 563 R1	TUBE, upper front cross
6	123 954 C1	TUBE, lower front cross
7	544 550 R3	TUBE, boom
8	544 551 R1	TUBE, boom
9	9 402 983	TEE
10	9 402 983	TEE (3)
11	9 411 105	ELBOW (2)
12	549 268 R1	HOSE, cylinder
13	9 410 977	ELBOW, 90° (6)
14	570 828 R1	O-RING (8)
15	544 484 R1	TUBE, RH lift cylinder return
16	544 483 R1	TUBE, LH lift cylinder return
17	544 485 R1	HOSE, cylinder rod
18	544 486 R1	HOSE, cylinder head
19	123 733 C1	HOSE, cylinder head
20	544 488 R1	HOSE, cylinder head (2)
21	544 490 R2	HOSE, cylinder head
22	544 489 R1	HOSE, cylinder rod
23		CYLINDER ASSY, bucket (Refer to Loader Cylinders) (2)
24		CYLINDER ASSY, lift (Refer to Loader Cylinders) (2)
25		BOOM (Refer to Loader Boom)
26	M 77 214	SPACER, tube
27	467 193 R1 180 089 120 214 120 376	CLAMP, tube SCREW WASHER NUT
28	467 192 R2 18 252 R1	CLAMP, tube (3) NUT (6)
29	123 643 C1	PLATE, lube backing (2)

LOADER CYLINDERS
(PAY® loaders Only)



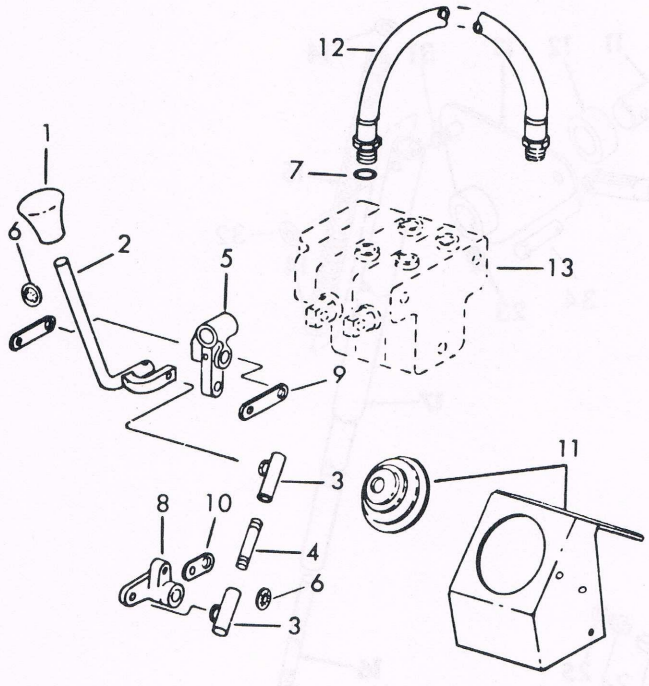
CE-113915

REF. NO.	PART NUMBER	DESCRIPTION
A	544 718 R92	CYLINDER ASSY, boom
B	544 719 R93	CYLINDER ASSY, bucket
1	378 478 R1	BUSHING (4)
2	546 015 R11	ROD, piston (Unit A)
2	546 018 R11	ROD, piston (Unit B)
3	403 460 R1	WIPER, rod (%)
6	378 536 R2	HEAD, cylinder
7	385 133 R1	RING, retaining (%)
8	378 733 R1	WASHER, back-up (%)
9	350 657 R1	O-RING
10	384 129 R2	PISTON
11	273 355	FITTING, lubrication (Not part of cylinder assembly) (2)
12	379 960 R1	BEARING, piston (%) (2)
13	379 959 R1	SEAL, piston (%)
14	379 961 R1	O-RING (%)
15	9 416 471	NUT, lock
16	546 011 R91	BODY, cylinder (Unit A)
16	546 016 R92	BODY, cylinder (Unit B)
18	119 203 C1	SEAL, rod (%)
	63 578 C91	PACKAGE, cylinder service (Consists of -

2 BEARING	379 960 R1
1 O-RING	21 255 R1
1 O-RING	253 070 R1
1 O-RING	379 961 R1
1 SEAL	119 203 C1
1 SEAL	379 959 R1
1 WASHER	378 733 R1
1 WIPER	403 460 R1
1 WIRE	385 133 R1)

(%) Also part of PACKAGE, 63 578 C91

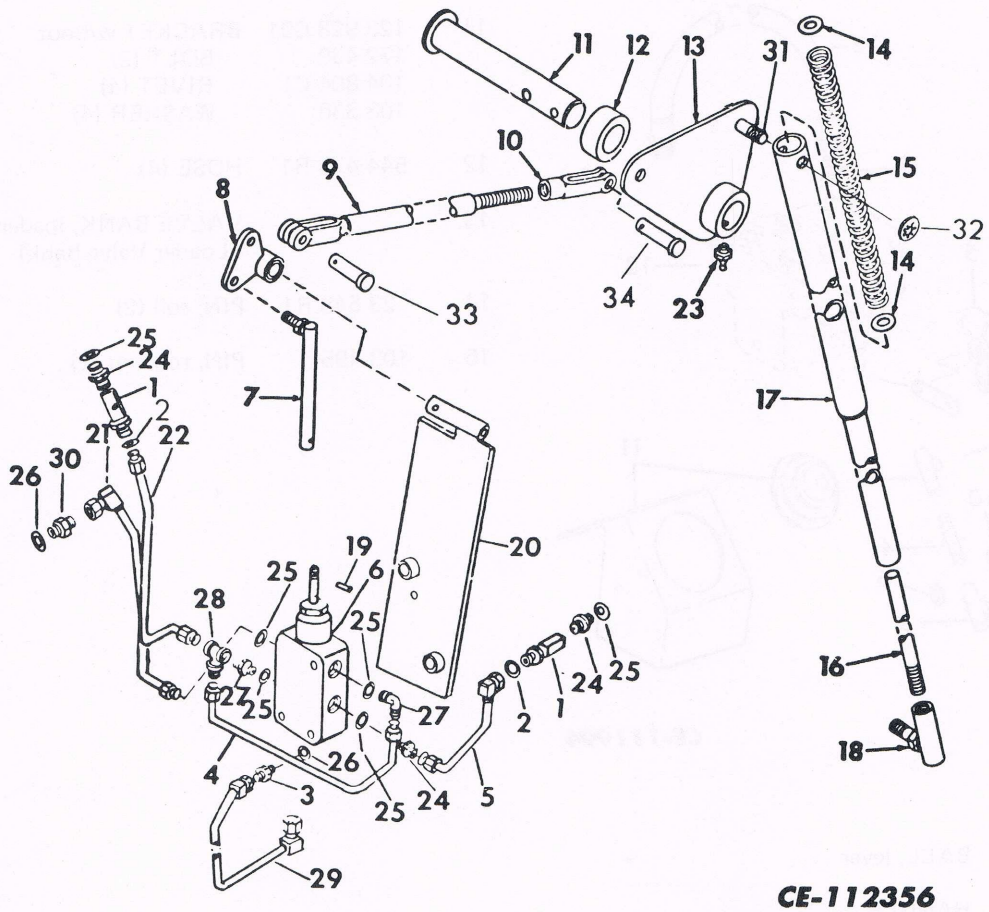
LOADER CONTROLS
(PAY ® loader Only)



CE-111994

REF. NO.	PART NUMBER	DESCRIPTION
1	53 717 DA	BALL, lever
2	544 462 R1	HANDLE
	137 185	PIN, cotter
	21 796 R1	WASHER, flat
3	19 323 R1	JOINT, ball (2)
	124 920	NUT, hex jam (2)
	21 739 R1	WASHER, flat (2)
4	544 465 R1	ROD, connecting
	124 920	NUT, hex jam (2)
5	544 466 R2	HANDLE, pivot
6	59 793 C1	NUT, spring push (2)
7	364 885 R1	O-RING (4)
8	544 469 R2	LEVER
9	544 470 R1	LINK (2)
	120 123	PIN, 1-1/4" long cotter
	103 373	PIN, 3/4" long cotter
10	544 471 R1	LINK (2)
	120 123	PIN, 1-1/4" long
	103 373	PIN, 3/4" long
11	123 928 C91	BRACKET w/boot
	172 439	BOLT (2)
	104 804 C1	RIVET (4)
	103 338	WASHER (4)
12	544 473 R1	HOSE (4)
13		VALVE BANK, loader (Refer to Loader Valve Bank)
14	23 548 R1	PIN, roll (2)
15	103 495	PIN, rod end (2)

LOADER BUCKET SELF-LEVELER
(PAY ® loader Only)

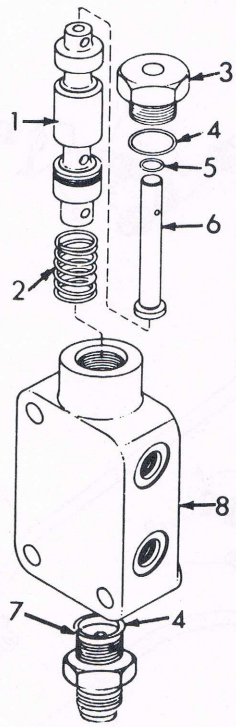


CE-112356

REF. NO.	PART NUMBER	DESCRIPTION
1	57 157 C1	BLOCK, hydraulic (2)
2	364 839 R1	O-RING (2)
3	9 410 200	UNION, short swivel
4	57 166 C1	TUBE, head return
5	57 156 C1	TUBE, rod return
6		VALVE ASSY, self-leveling (Refer to Self-Leveling Valve)
7	487 566 R1	JOINT, ball
	124 920	NUT, hex jam
	120 214	WASHER, lock
8	480 111 R12	SUPPORT, bellcrank
9	396 832 R1	TUBE, link
	120 371	NUT, hex
	137 159	PIN, cotter
	120 394	WASHER, flat (3)
10	405 534 R1	CLEVIS
	557 268 R1	WASHER, flat (2)
11	1 200 390 C1	SHAFT
	21 716 R1	WASHER, flat
	103 410	PIN, cotter
12	480 129 R1	SPACER, shaft
13	487 558 R1	SUPPORT
14	120 386	WASHER, flat (2)
15	487 560 R1	SPRING

REF. NO.	PART NUMBER	DESCRIPTION
		LOADER BUCKET SELF-LEVELER – Continued (PAY® loader Only)
16	400 630 R1	ROD, telescoping
	137 204	PIN, cotter
17	480 122 R91	PIPE
18	487 568 R1	JOINT, ball
	272 123	NUT, hex (3)
19	65 066 D	PIN, torque spring
20	57 154 C1	SUPPORT, valve
21	57 162 C1	TUBE, pressure
22	57 158 C1	TUBE, head pressure
23	109 461	FITTING, lube
24	9 410 202	UNION (4)
25	364 885 R1	O-RING (6)
26	369 751 R1	O-RING (2)
27	9 410 976	ELBOW (2)
28	9 410 332	TEE
29	57 163 C1	TUBE, drain
30	394 955 R1	CONNECTOR, reducer
31	62 264 C1	ROD, pipe pivot
	124 829	NUT, jam
	120 377	NUT, hex
	120 382	WASHER, lock
32	59 795 C1	KEEPER, spring
33	138 084	PIN, headed
	137 159	PIN, cotter
34	671 034 R1	PIN, standard head
	18 481 R1	PIN, cotter

REF. NO.	PART NUMBER	DESCRIPTION
		SELF-LEVELING VALVE (PAY® loaders Only) (For Machines Equipped with Self-Leveling Attachment)

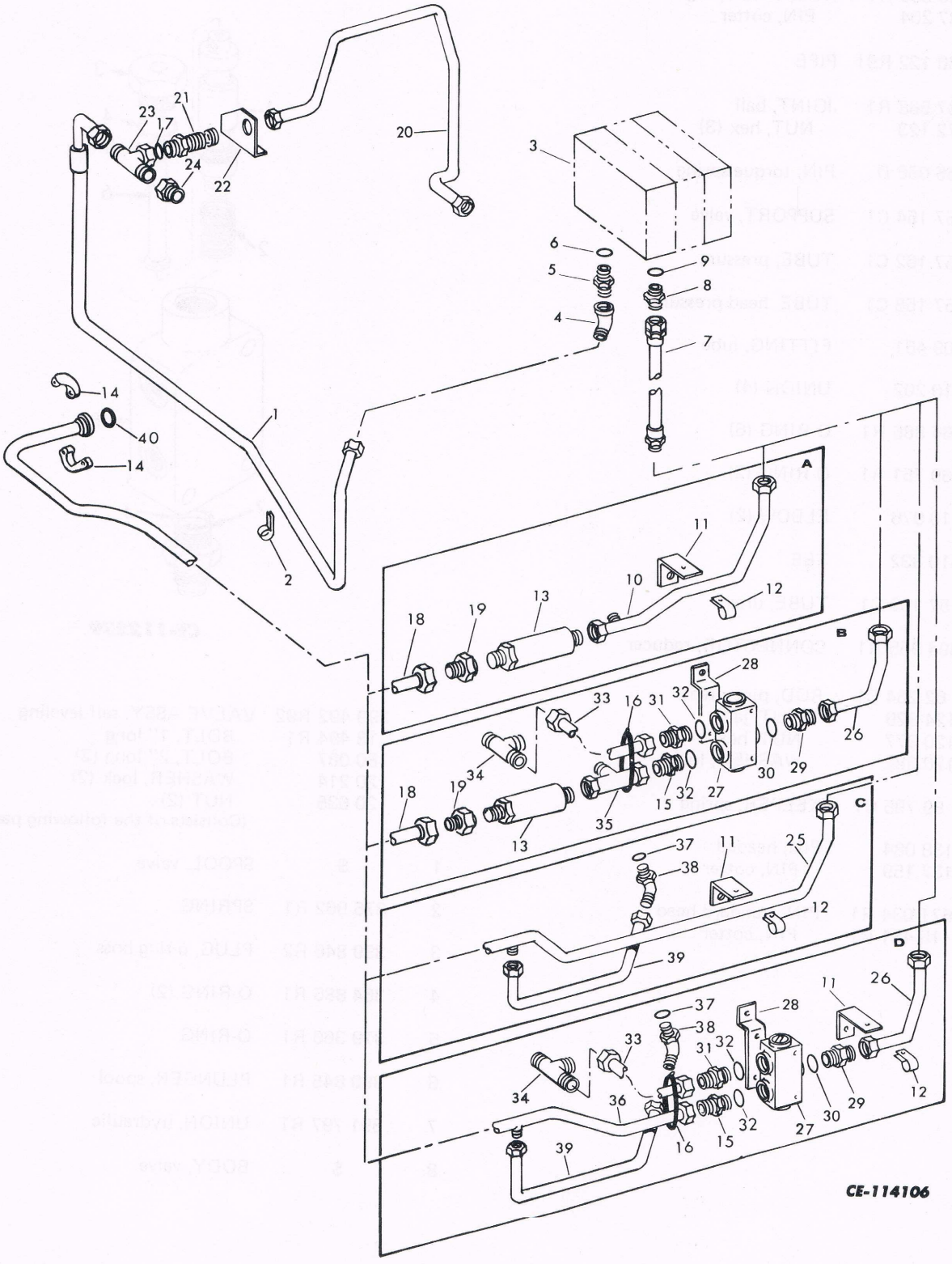


CE-112229

	399 492 R92	VALVE ASSY, self-leveling
	18 494 R1	BOLT, 1" long
	180 087	BOLT, 2" long (2)
	120 214	WASHER, lock (2)
	120 635	NUT (2)
		(Consists of the following parts)
1	$	SPOOL, valve
2	375 962 R1	SPRING
3	389 846 R2	PLUG, o-ring boss
4	364 885 R1	O-RING (2)
5	379 366 R1	O-RING
6	389 845 R1	PLUNGER, spool
7	391 797 R1	UNION, hydraulic
8	$	BODY, valve

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

POWER SUPPLY
(For PAY® loaders Only)



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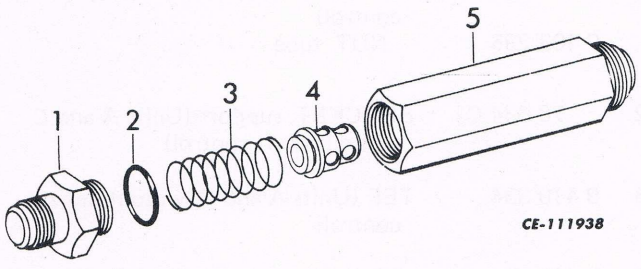
REF. NO.	PART NUMBER	DESCRIPTION
POWER SUPPLY – Continued (For PAY loaders Only)		
A		Service parts used with Synchromesh transmission without PTO
B		Service parts used with Synchromesh transmission with PTO
C		Service parts used with Hydrostatic and Torque Converter transmissions without PTO
D		Service parts used with Hydrostatic transmission with PTO
1	1 213 070 C1	TUBE, loader pressure
2	HL 3 551	CLAMP, tube
	9 409 101	BOLT
3		VALVE BANK, loader (Refer to Loader Valve Bank)
4	9 411 108	ELBOW
5	472 755 R1	CONNECTOR
6	297 459 R1	O-RING
7	70 630 C1	HOSE, return
8	9 410 207	CONNECTOR
9	296 247 R1	O-RING
10	113 637 C1	TUBE, lower return (Unit A)
11	113 635 C1	BRACKET, tube (Units A, C and D)
	18 834 R1	BOLT
	103 326	WASHER, lock
12	HL 3 551	CLAMP, tube (Units A, C, and D)
	18 778	BOLT
	102 635	NUT, hex
	103 321	WASHER, lock
13		VALVE, by-pass (Units A and B) (Refer to Oil Cooler By-Pass)
14	301 844 R1	FLANGE, split (2)
	180 177	BOLT (4)
	120 384	WASHER, lock (4)
15	3 002 774 R1	CONNECTOR (Units B and D)
16	289 862 C1	STRAP, hose (Units B and D)
17	364 885 R1	O-RING
18	113 526 C1	TUBE, by-pass to housing (Units A and B)
19	113 515 C1	FITTING, reducer (Units A and B)
20	67 298 C1	TUBE, pressure (Units A and C without draft control)
21	9 403 256	UNION (Units A and C without draft control)
	9 403 295	NUT, tube
22	70 634 C1	BRACKET, support (Units A and C without draft control)
23	9 410 334	TEE (Units A and C without draft control)
23	9 411 119	TEE (Units B and D without draft control)
23	9 411 132	TEE (Pay Loaders with draft control)
24	9 403 402	REDUCER (Units A and C without draft control)
25	1 213 053 C1	TUBE, lower return (Unit C Torque Converter)
25	113 528 C1	TUBE, lower return (Unit C Hydrostatic Drive)
26	113 632 C1	TUBE, lower return (Unit Band D)
27	1 240 407 C91	FLOW DIVIDER (Units B and D)
28	113 633 C1	BRACKET, mounting (Units B and D)
	180 112	BOLT
	120 376	NUT
	120 214	WASHER, lock
	615 031 R1	WASHER, plain
29	574 018 R1	CONNECTOR (Units B and D)
30	368 269 R1	O-RING (Units B and D)
31	481 352 R1	CONNECTOR (Units B and D)
32	364 885 R1	O-RING (Units B and D) (2)
33	211 329 H1	TUBE, flow divider to M.C.V. (Units B and D)
34	9 402 981	TEE (Units B and D)
35	113 518 C1	TUBE, flow divider to by-pass (Unit B)
36	113 525 C1	TUBE, lower return (Unit D)
37	364 885 R1	O-RING (Units C and D)
38	9 410 978	ELBOW (Units C and D)
39	113 636 C1	TUBE, return (Units C and D)
40	343 921 R1	O-RING

REF. NO.	PART NUMBER	DESCRIPTION

OIL COOLER BY-PASS
(PAY ® loader w/Synchromesh Transmission)



	1 110 578 C91	BY-PASS, Oil Cooler (Consists of the following parts -)
1	380 633 R1	CONNECTOR
2	296 247 R1	O-RING
3	$	SPRING
4	$	POPPET
5	110 579 C1	BODY

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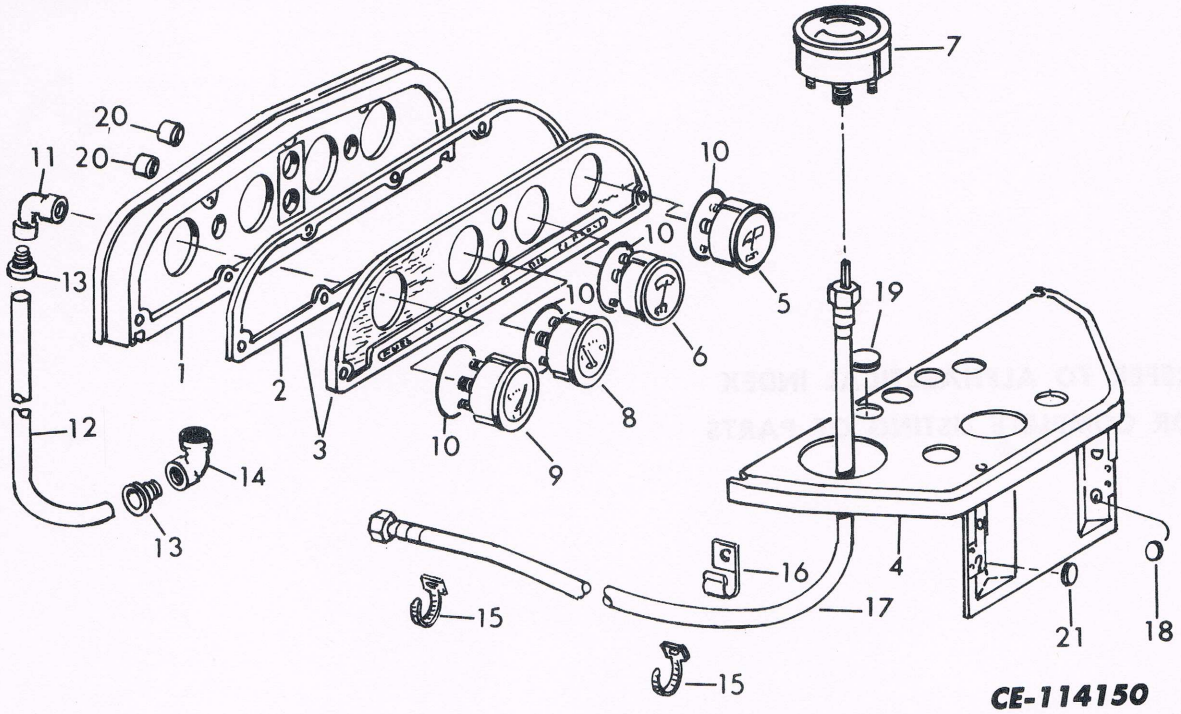
REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

Printed in United States of America.

REF. NO.	PART NUMBER	DESCRIPTION

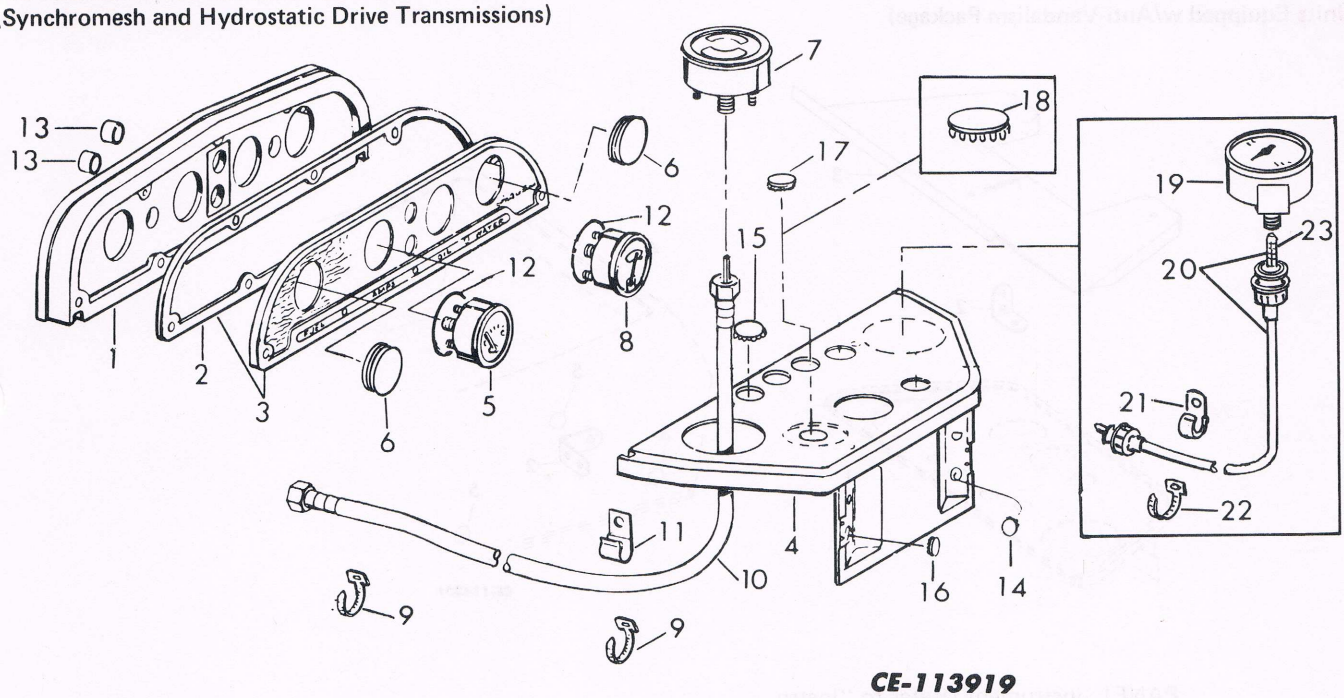
INSTRUMENT PANEL AND GAUGES
(Torque Converter Transmission)



CE-114150

REF. NO.	PART NUMBER	DESCRIPTION
1	529 357 R2	HOUSING, gauge
2	3 113 469 R1	GASKET
3	3 122 027 R91	PANEL, instrument face
	436 665	SCREW (8)
4	1 213 264 C1	PANEL, instrument
	180 014	BOLT (2)
	167 214	SCREW (4)
5	3 117 864 R2	GAUGE, converter oil temp
6	3 121 240 R1	GAUGE, water temp
7	528 364 R92	TACHOMETER
8	3 121 239 R1	GAUGE, electric fuel
9	124 342 C1	GAUGE, clutch pressure
10	384 498 R1	O-RING (4)
11	19 717 R1	ELBOW
12	115 903 C1	TUBE, clutch pressure gauge
13	36 092 D	NUT, tube fitting (2)
14	36 637 D	ELBOW
	144 030	LOCKNUT
15	289 862 C1	STRAP, tachometer cable (2)
16	3 113 491 R1	CLIP, tachometer cable
17	529 235 R1	CABLE, tachometer flexible
18	3 114 406 R1	PLUG (Units w/o Horn)
19	3 114 406 R1	PLUG, button
20	530 589 R1	TUBE, warning light (2)
21	538 240 R1	PLUG, button (Machines not equipped w/Cigarette Lighter)

INSTRUMENT PANEL AND GAUGES
(Synchromesh and Hydrostatic Drive Transmissions)

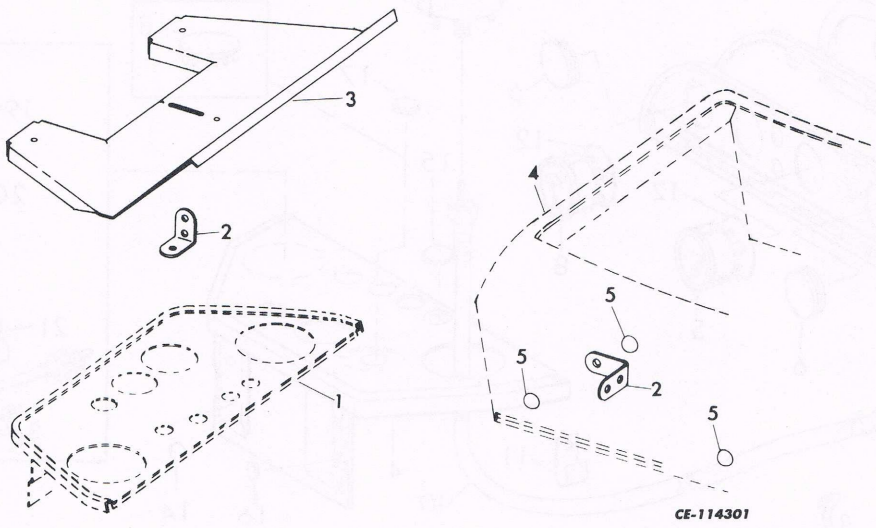


CE-113919

REF. NO.	PART NUMBER	DESCRIPTION
1	529 357 R2	HOUSING, gauge
2	3 113 469 R1	GASKET
3	3 122 027 R91	PANEL, instrument face
	436 665	SCREW (8)
4	1 213 264 C1	PANEL, instrument (Synchromesh Transmission and Hydrostatic Drive equipped w/Foot Controls w/o Speedometer
4	1 213 267 C2	PANEL, instrument (Hydrostatic Drive w/Hand Controls and machines equipped w/Foot Controls and Speedometer
	167 214	SCREW (4)
	180 014	BOLT (2)
5	3 121 239 R1	GAUGE, electric fuel
6	3 122 007 R1	PLUG, gauge hole (2)
7	528 364 R92	TACHOMETER
8	3 121 240 R1	INDICATOR, water temp
9	289 862 R1	STRAP, tachometer cable (2)
10	529 235 R1	CABLE, tachometer flexible
11	3 113 491 R1	CLIP, tachometer cable
12	384 498 R1	O-RING (2)
13	530 589 R1	TUBE, warning light (2)
14	3 114 406 R1	PLUG, button (Units w/o Horn)
15	3 114 406 R1	PLUG, button
16	538 240 R1	PLUG, button (Machines not equipped w/Cigarette Lighter)
17	3 113 429 R1	PLUG, button (Synchromesh and Hydrostatic Drive foot controls w/o speedometer)
18	162 514 H1	PLUG (Hydrostatic drive hand controls and foot controls w/speedometer)
19	529 780 R91	SPEEDOMETER (Hydrostatic Drive Only) (If equipped)
20	393 326 R92	CABLE ASSY, flexible drive (Hydrostatic Drive Only)
21	395 228 R1	CLIP, speedometer cable (Hydrostatic Drive Only)
	120 380	WASHER, lock
	120 375	NUT
22	306 132 C1	STRAP, speedometer cable (Hydrostatic Drive Only)
23	393 327 R92	CORE, speedometer flexible drive shaft (Hydrostatic Drive Only)

REF. NO.	PART NUMBER	DESCRIPTION

INSTRUMENT PANEL COVER
(For Units Equipped w/Anti-Vandalism Package)



REF. NO.	PART NUMBER	DESCRIPTION
1		PANEL, instrument (Refer to "Instrument Panel and Gauges")
2	1 212 987 C1	BRACKET, panel lock (2)
	178 974	BOLT (2)
3	1 212 986 C1	COVER, panel
4		HOOD (Refer to "Hood and Panels")
5	1 212 988 C1	BUMPER (3)
	321 314 R1	NUT (3)

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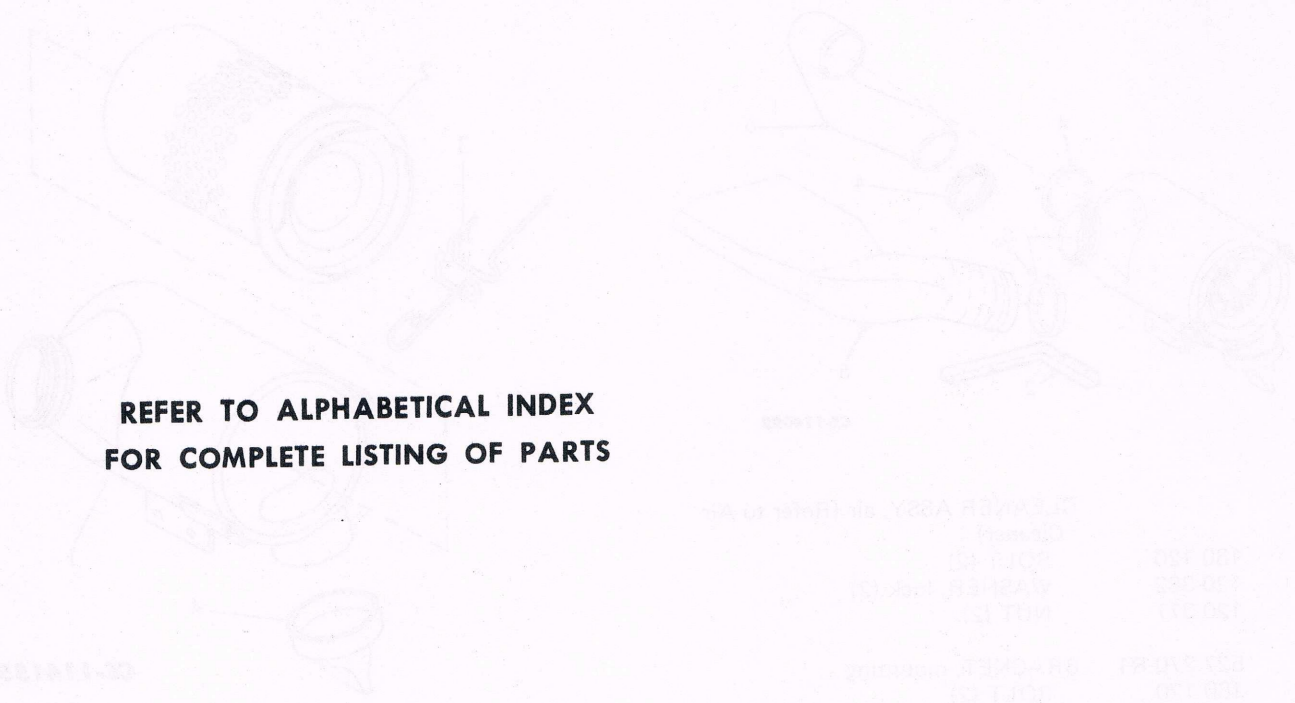

REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

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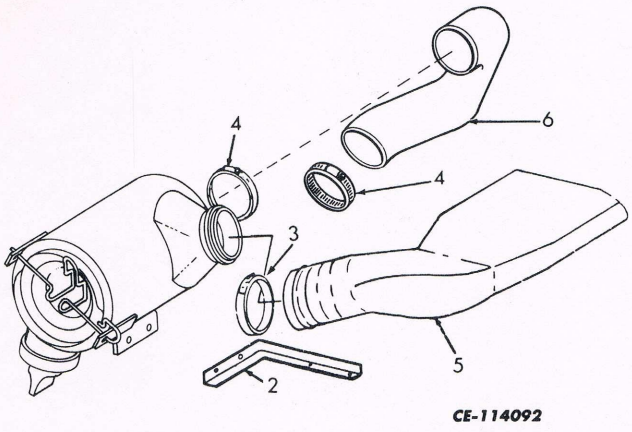
REF. NO.	PART NUMBER	DESCRIPTION

AIR CLEANER CONNECTIONS

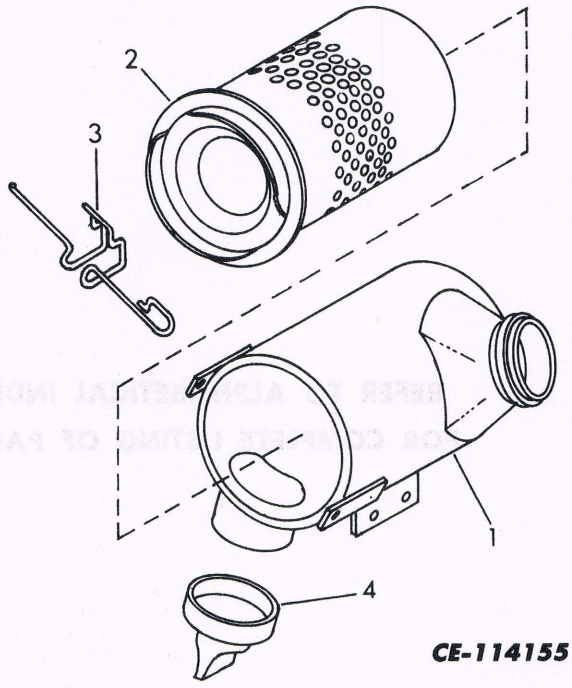


CE-114092

1		CLEANER ASSY, air (Refer to Air Cleaner)
	180 120	BOLT (2)
	120 382	WASHER, lock (2)
	120 377	NUT (2)
2	527 270 R1	BRACKET, mounting
	180 120	BOLT (2)
	120 382	WASHER, lock (2)
3	21 423 R1	CLAMP, hose
4	397 256 R1	CLAMP, hose (2)
5	537 360 R1	DUCT, air inlet
6	402 615 R1	HOSE, air cleaner outlet

REF. NO.	PART NUMBER	DESCRIPTION

AIR CLEANER ASSEMBLY



CE-114155

	3 118 835 R92	CLEANER ASSY, air (Consists of the following parts -)
1	$	BODY
2	529 854 R2	ELEMENT
3	3 118 679 R1	CLAMP
4	529 855 R1	VALVE, dust unloader

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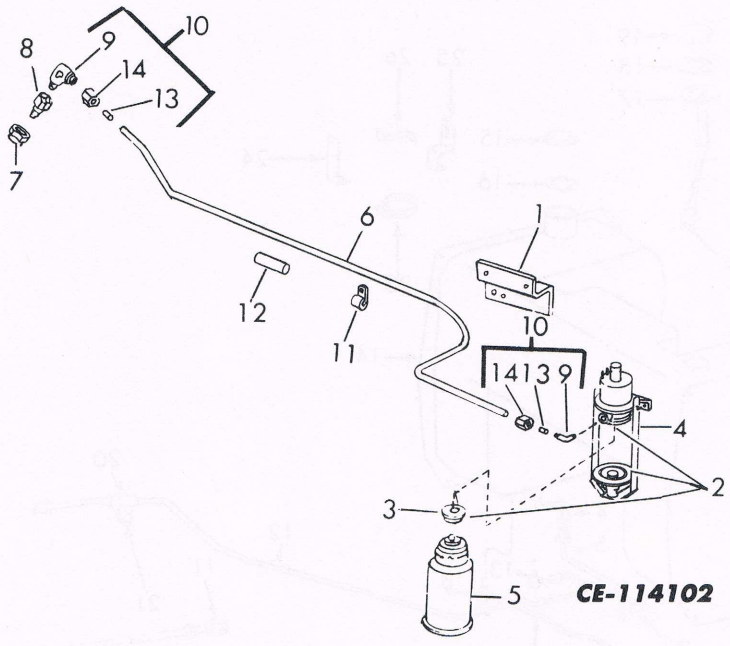
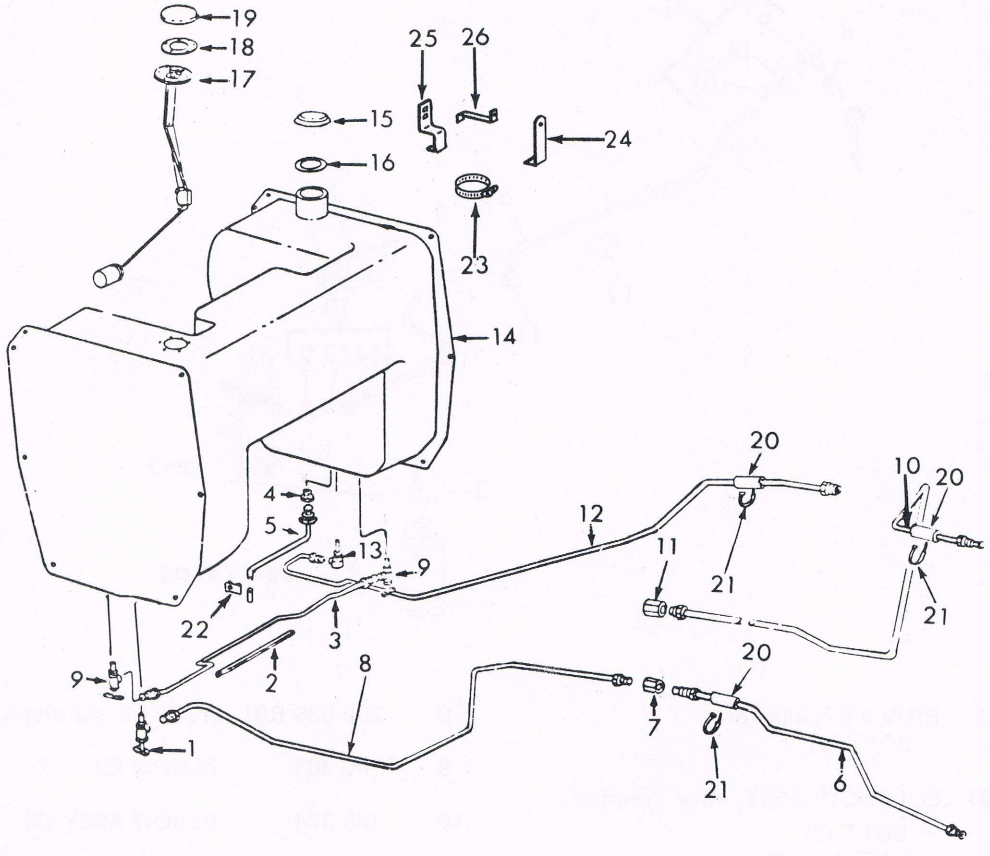
ETHER STARTING



REF. NO.	PART NUMBER	DESCRIPTION
1	535 672 R2	BRACKET, injector
	179 835	BOLT (2)
2	1 212 892 C91	SOLENOID ASSY, ether injection
	180 078	BOLT (2)
	120 376	NUT, hex (2)
	120 214	WASHER, lock (2)
3	395 686 R1	GASKET, injector
4	121 851 C1	BAIL, injector
5	385 064 R91	FLUID, ether starting (354.88 ml) (12 oz can)
6	3 073 139 R1	TUBE, starting fluid
7	3 116 031 R1	ADAPTOR, nozzle
8	269 635 R91	NOZZLE, starting fluid
9	140 303	ELBOW (2)
10	140 304	ELBOW ASSY (2)
11	3 112 817 R1	CLAMP, support
12	3 116 374 R1	SLEEVE
13	121 322	SLEEVE (2)
14	120 220	NUT (2)
	933 945 R1	RING, packing

FUEL TANK AND PIPING



CE-114130

REF. NO.	PART NUMBER	DESCRIPTION
1	528 926 R1	VALVE, shut-off
2	530 107 R1	HOSE, spacer
3	3 121 190 R1	TUBE W/NUT, crossover
4	137 406	CONNECTOR, inverted flared tube (Tractors with underslung exhaust)
5	539 938 R1	TUBE, breather (Tractors with underslung exhaust)
6	3 116 238 R1	TUBE W/NUT, union to diesel filter
7	442 337	UNION, inverted flared tube (Optional with 442 395)
	442 395	UNION, inverted flared tube (Optional with 442 337)
8	537 537 R1	TUBE W/NUT, union to shut-off valve
9	536 002 R2	VALVE, shut-off (2)
10	3 112 790 R1	TUBE W/NUT, return front
11	442 337	UNION, inverted flared tube (Optional with 442 395)
	442 395	UNION, inverted flared tube (Optional with 442 337)
12	537 538 R1	TUBE W/NUT, return rear
13	225 815	ELBOW, check
14	536 035 R93	TANK, w/FILLER CAP, 536 845 R1 and GASKET, 23 977 DB, fuel
	180 075	BOLT, 5/8" long (8)
	120 376	NUT, hex (8)
	120 214	WASHER, 5/16 lock (8)
	180 120	BOLT, 3/4" long (4)
	120 377	NUT, 3/8-16 hex (4)
	120 382	WASHER, 3/8 lock (4)
15	536 845 R1	CAP, filler

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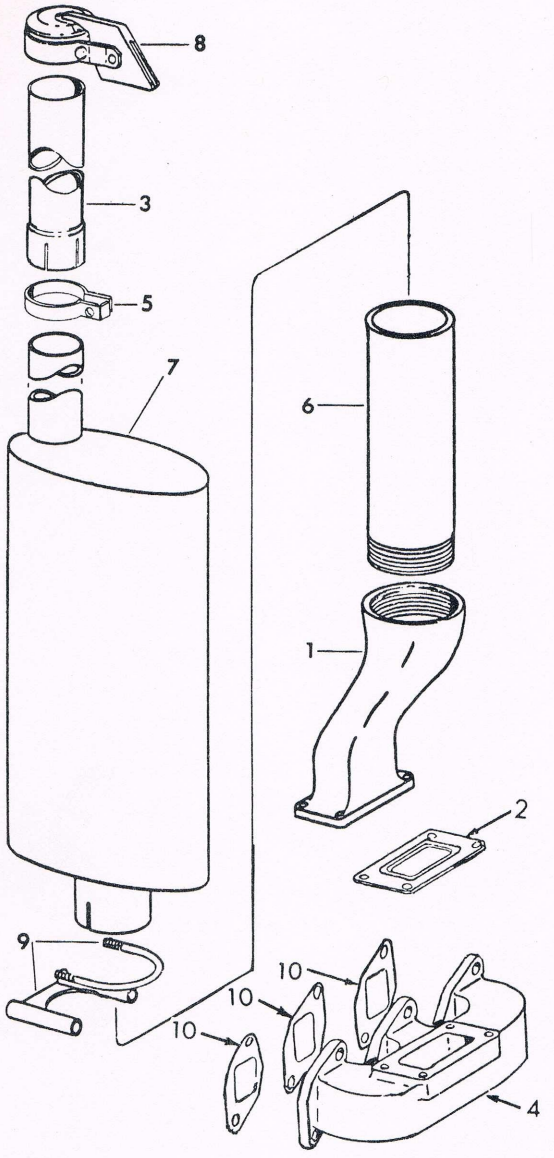
REF. NO.	PART NUMBER	DESCRIPTION
FUEL TANK AND PIPING – Continued		
16	23 977 DB	GASKET, filler cap
17	529 790 R1	SENDING UNIT, electric fuel gauge (Optional with 534 226 R2)
17	534 226 R2	SENDING UNIT, electric fuel gauge (Optional with 529 900 R1)
	443 874	SCREW (5)
	533 199 R1	WASHER (4)
18	528 359 R1	GASKET, sending unit
19	528 360 R1	CAP, fuel gauge flange
	159 908	SCREW, rec-pan-hd
	796 002 R1	WASHER, sending unit sealing
20		HOSE, fuel line (Cut length 7.87 mm (5/16") OD x 63.5 mm (2-1/2" long) from bulk HOSE, 71 655 C1) (3)
21	289 862 C1	STRAP (3)
22	539 940 R1	CLIP, breather line (Tractors with underslung exhaust)
	271 713	BOLT
23	123 538 C1	CLAMP, lock (%)
24	1 212 994 C1	SUPPORT, lock (%)
	180 016	BOLT (%)
	938 016 R1	NUT, lock (%)
25	1 212 993 C1	SUPPORT, bar (%)
26	1 212 992 C1	BAR, fuel cap keeper (%)
	538 393 R1	PLUG, vent pipe flange
	71 655 C1	HOSE, bulk 7.87 mm (5/16") OD x 290.0 mm (11-27/64") long

REF. NO.	PART NUMBER	DESCRIPTION

(%) Part of Anti-Vandalism Package, 1 213 030 C91

REF. NO.	PART NUMBER	DESCRIPTION

VERTICAL EXHAUST



CE-113908

REF. NO.	PART NUMBER	DESCRIPTION
1	3 136 250 R1	ELBOW, exhaust manifold
	179 839	BOLT (4)
	103 321	WASHER, lock (4)
2	3 136 248 R1	GASKET, exhaust manifold elbow
3	66 915 C1	PIPE, exhaust extension
4	3 136 069 R1	MANIFOLD, exhaust
	103 026	NUT, (6)
	20 285 H	WASHER, flat (6)
5	403 826 R1	CLAMP
	180 126	BOLT
	120 382	WASHER, lock
	120 377	NUT
6	534 206 R1	PIPE, exhaust
7	533 924 R1	MUFFLER
8	533 925 R1	CAP ASSY, rain
9	59 124 C91	PACKAGE, muffler clamp service
	118 614	NUT, (2)
10	3 132 434 R1	GASKET (3)

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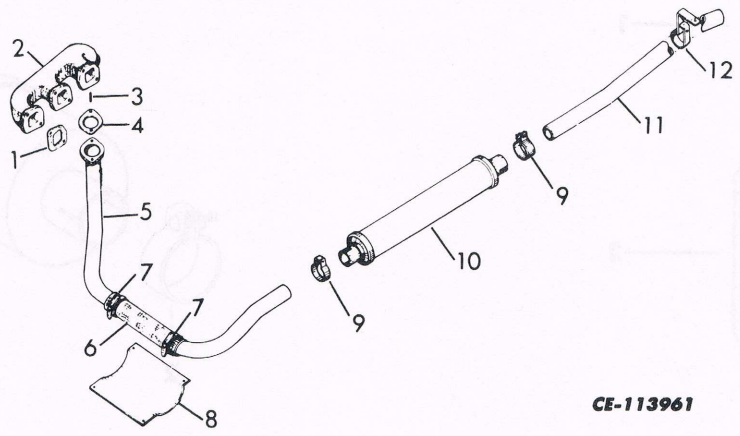
REF. NO.	PART NUMBER	DESCRIPTION

UNDERSLUNG EXHAUST
(If Equipped)

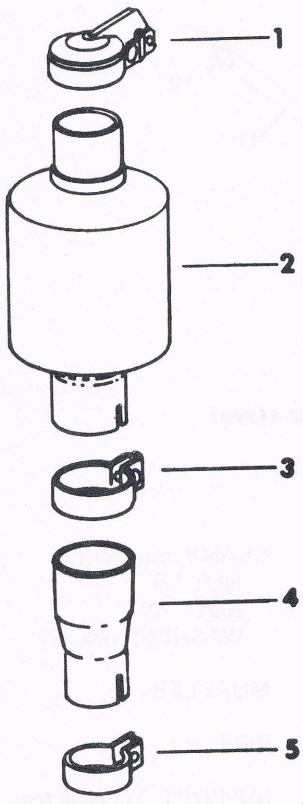


CE-113961

REF. NO.	PART NUMBER	DESCRIPTION
1	3 132 434 R1	GASKET, exhaust manifold (3)
2	3 055 124 R1	MANIFOLD, exhaust
3	179 839	BOLT, exhaust manifold pipe (2)
	103 321	WASHER, lock (2)
4	401 486 R1	GASKET, exhaust manifold pipe
5	401 485 R12	PIPE W/SHIELD, 114 614 C1 and two Clamps, 279 027 R91, exhaust manifold
6	114 614 C1	SHIELD, heat
7	279 027 R91	CLAMP (2)
8	401 488 R1	GUARD, pipe
	179 838	BOLT (4)
	103 321	WASHER, lock (4)
9	67 672 C1	CLAMP, muffler (2)
	120 377	NUT (2)
	180 123	BOLT (2)
	120 382	WASHER, lock (2)
10	401 489 R2	MUFFLER
11	401 490 R2	PIPE, tail
12	401 492 R2	SUPPORT, tail pipe rear
	271 715	BOLT, 1" long
	180 123	BOLT, 1-1/8" long
	120 377	NUT
	120 574	WASHER, 5/8" lock
	120 382	WASHER, 3/8" lock

REF. NO.	PART NUMBER	DESCRIPTION

SPARK ARRESTOR (If Equipped)
(Tractors with Vertical Exhaust)

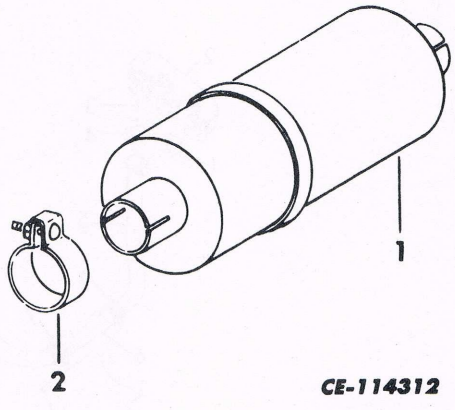


CE-114311

	61 960 C91	ACCESSORY, spark arrestor (Consists of the following parts -)
1	403 603 R1	CAP, weather
2	531 815 R1	ARRESTOR, spark
3	379 368 R91	CLAMP
4	61 962 C1	ADAPTER
5	67 672 C1	CLAMP
	180 123	BOLT
	120 382	WASHER, lock
	120 377	NUT

REF. NO.	PART NUMBER	DESCRIPTION

SPARK ARRESTOR (If Equipped)
(Tractors with Underslung Exhaust)



CE-114312

	61 961 C91	ACCESSORY, spark arrestor (Consists of the following parts -)
1	61 963 C1	ARRESTOR, spark
2	388 131 R91	CLAMP, outlet

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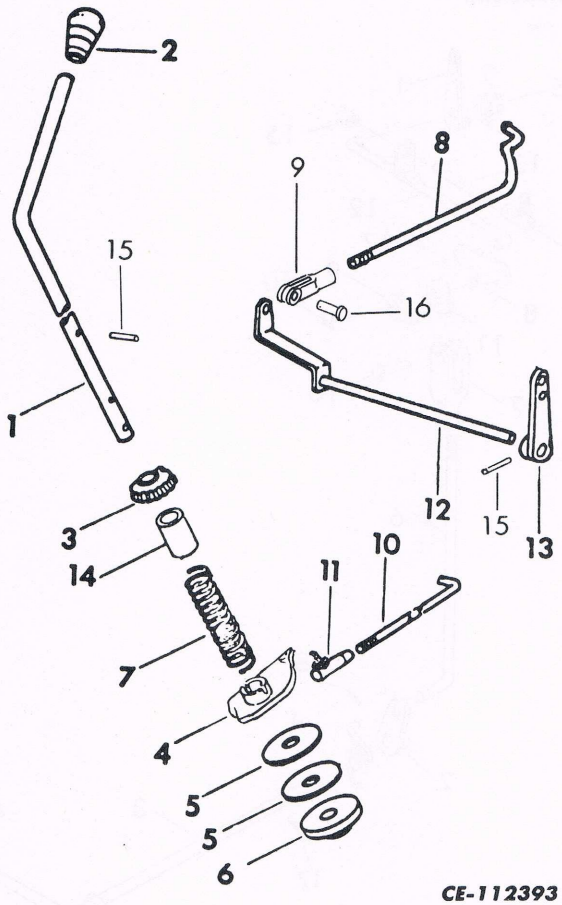
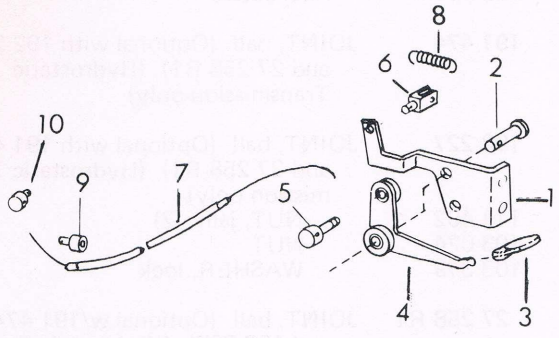
GOVERNOR CONTROLS



CE-112393

REF. NO.	PART NUMBER	DESCRIPTION
1	528 288 R2	ROD, handle
2	402 584 R1	KNOB, handle
3	528 290 R1	COLLAR, handle
	222 335	SCREW, set
4	528 291 R3	ARM, rod
5	394 716 R1	DISC, friction (2)
6	528 294 R1	PLATE, friction
7	65 344 C1	SPRING, pressure
8	528 321 R3	ROD, front
9	116 534	CLEVIS, rod end
10		ROD, bellcrank pull (Synchromesh and Torque Converter Transmission) (Refer to "Foot Accelerator")
10	528 324 R2	ROD, rear (Hydrostatic Transmission)
	103 361	PIN, cotter
11	191 474	JOINT, ball (Optional with 192 227 and 27 258 R1) (Hydrostatic Transmission only)
11	192 227	JOINT, ball (Optional with 191 474 and 27 258 R1) (Hydrostatic Transmission only)
	114 492	NUT, jam (2)
	103 024	NUT
	103 319	WASHER, lock
11	27 258 R1	JOINT, ball (Optional w/191 474 and 192 227) (Hydrostatic Transmission Only)
11		JOINT, ball (Synchromesh and Torque Converter Transmission) (Refer to "Foot Accelerator")
12	528 325 R2	ARM, idler
13	539 572 R1	LEVER, idler arm
14	65 345 C1	SPACER, adjustable
	219 758	NUT, jam
	467 750 R1	WASHER, flat
15	19 313 R1	PIN, coiled spring (4)
16	114 783	PIN, rod end
	103 361	PIN, cotter
Q	1 597	WASHER, flat

FUEL SHUT-OFF CONTROLS

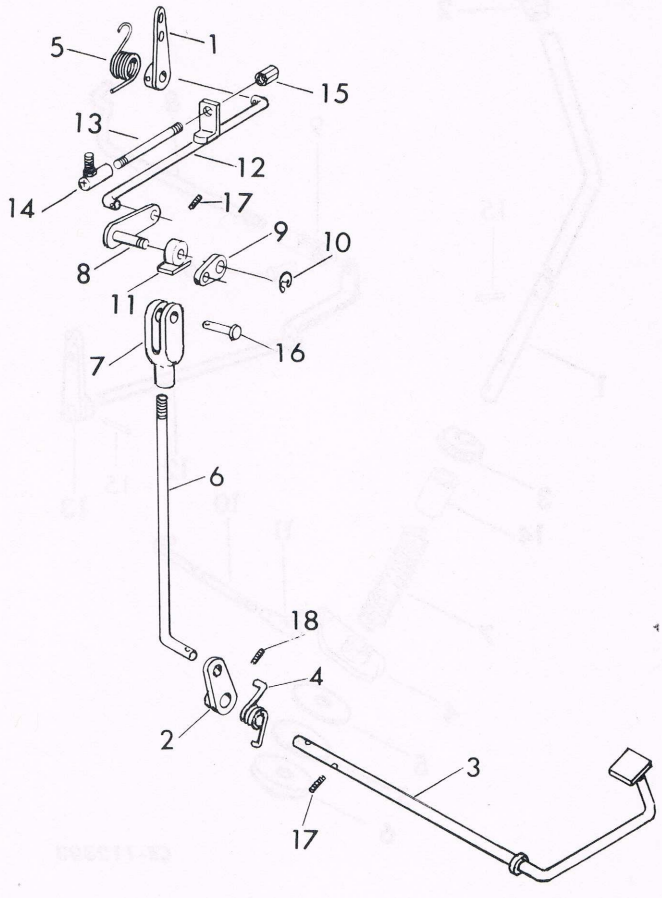


CE-114104

REF. NO.	PART NUMBER	DESCRIPTION
1	528 992 R1	BRACKET, lever
	179 793	BOLT (2)
2	23 369 R1	PIN, std-hd
	177 923	PIN, cotter
	469 688 R1	WASHER, flat
3	528 996 R2	KNOB, shut-off cable
4	531 335 R1	ARM, control
5	528 997 R1	SWIVEL, cable
	131 974	SCREW
	528 999 R1	RETAINER (Optional with 531 714 R1)
	531 714 R1	RETAINER, cable spring (Optional with 528 999 R1)
6	536 852 R1	CLAMP, cable swivel
	446 178	WASHER, flat
	107 761	PIN, cotter
	454 065	SCREW
	120 217	WASHER, lock
	453 284	NUT
7	529 000 R1	CABLE, control
8	528 998 R2	SPRING, cable
9	677 516 R1	BUSHING, cable
10	396 388 R1	PIVOT, swivel
	131 963	SCREW
	446 179	WASHER, flat
	103 361	PIN, cotter

FOOT ACCELERATOR

(Tractors equipped w/Synchromesh or Torque Converter Transmission)



CE-114146

REF. NO.	PART NUMBER	DESCRIPTION
1		LEVER (Refer to "Governor Control")
2	402 585 R1	ARM, control
3	115 893 C1	PEDAL, foot accelerator
4	115 895 C1	SPRING
5	539 012 R1	SPRING, torsion
6	115 896 C1	ROD, foot accelerator pull
	103 361	PIN, cotter
	120 613	NUT, hex jam
7	104 036	CLEVIS, rod end

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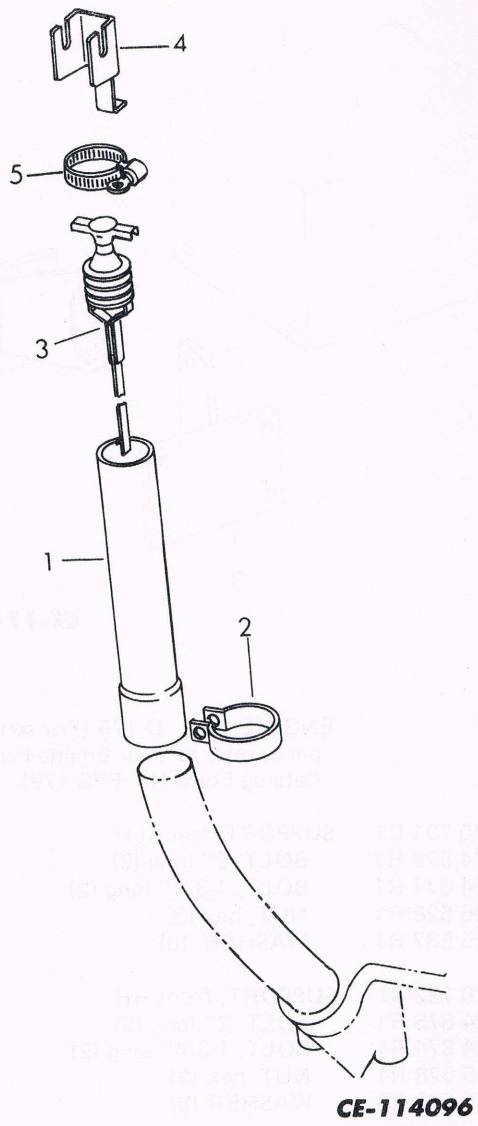
REF. NO.	PART NUMBER	DESCRIPTION
		FOOT ACCELERATOR – Continued (Tractors equipped w/Synchromesh or Torque Converter Transmission)
8	528 760 R3	ARM, bellcrank
9	528 764 R3	LEVER, bellcrank
10	110 668 R1	RING, retaining
11	532 967 R2	ARM, actuating
12	528 767 R1	ROD, bellcrank pull
	103 361	PIN, cotter (2)
13	528 773 R1	ROD, pick-up
	120 613	NUT, hex jam (2)
14	27 258 R1	JOINT, ball (Optional w/191 474 and 192 227)
14	191 474	JOINT, ball (Optional with 192 227 and 27 258 R1)
14	192 227	JOINT, ball (Optional with 191 474 and 27 258 R1)
	103 319	WASHER, lock
	114 492	NUT, hex jam (2)
	103 024	NUT, hex
15	528 776 R1	NUT, pick-up swivel
16	432 759	PIN, rod end
	103 361	PIN, cotter
	120 613	NUT, jam
17	19 368 R1	PIN, roll (2)
18	364 577 R1	PIN, roll

REF. NO.	PART NUMBER	DESCRIPTION
		OIL LEVEL GAUGE EXTENSION

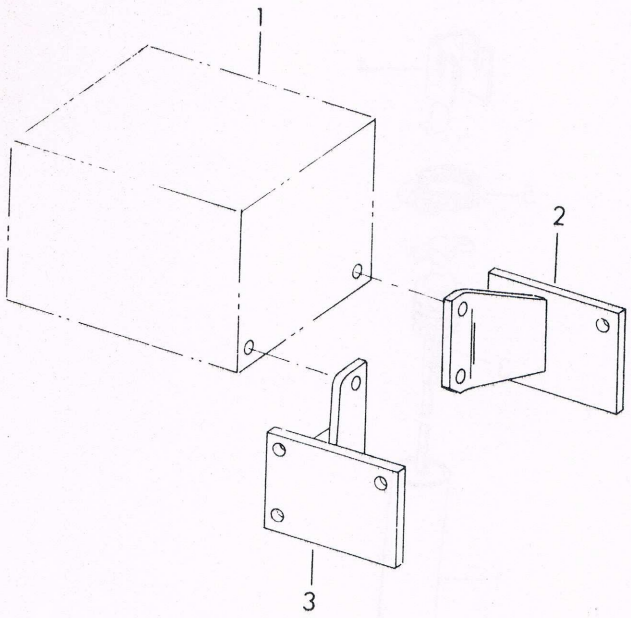


CE-114096

1	538 267 R1	EXTENSION, oil filler
2	376 355 R1	CLAMP
	179 797	BOLT
	109 084	NUT
3	538 268 R1	GAUGE, oil level
4	103 632 C1	RETAINER, oil level gauge lock (Used only on machine equipped w/Anti-Vandalism Package)
5	703 459 C1	CLAMP, (Used only on machines equipped w/Anti-Vandalism Package)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

ENGINE MOUNTING



CE-111001

1		ENGINE, I.H. - D-179 (For service parts, refer to your Engine Parts Catalog Form No. EPC-179)
2	70 131 C1	SUPPORT, front LH
	24 875 R1	BOLT, 2" long (3)
	24 874 R1	BOLT, 1-3/4" long (2)
	25 528 R1	NUT, hex (3)
	25 537 R1	WASHER, (8)
3	70 132 C1	SUPPORT, front RH
	24 875 R1	BOLT, 2" long (3)
	24 874 R1	BOLT, 1-3/4" long (2)
	25 528 R1	NUT, hex (3)
	25 537 R1	WASHER (8)

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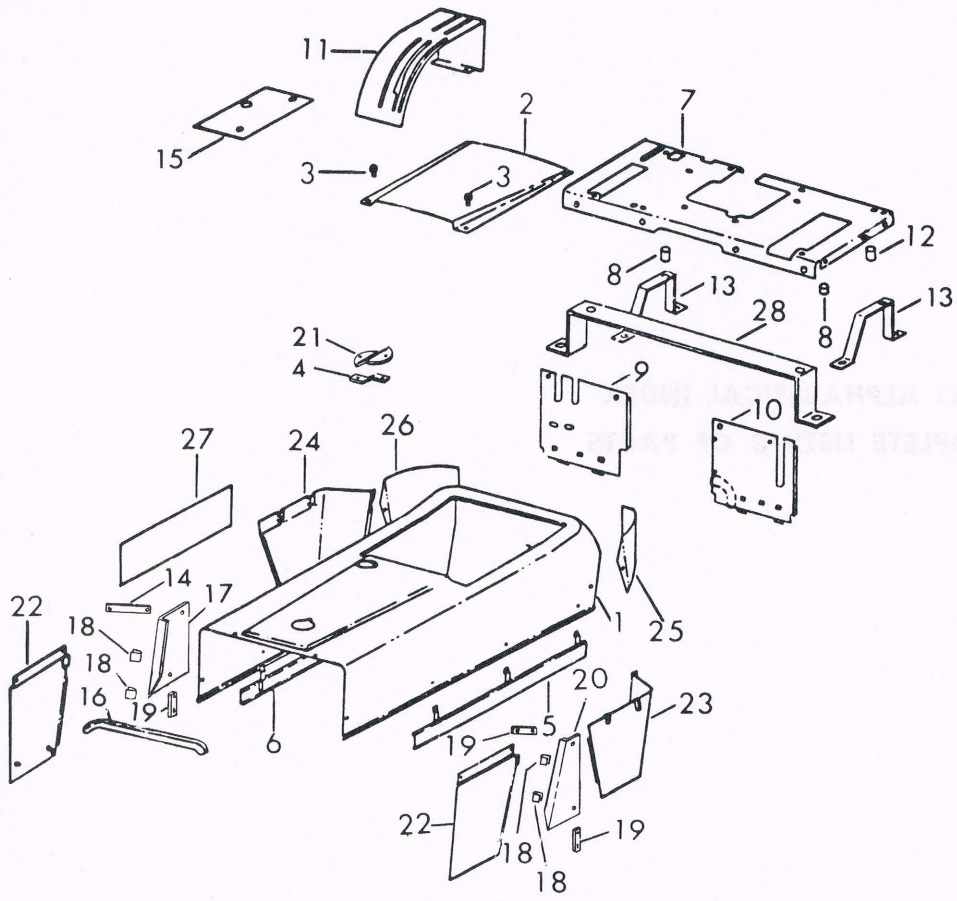
HOOD AND PANELS



CE-114103 A

REF. NO.	PART NUMBER	DESCRIPTION
1	1 213 139 C91	HOOD ASSY
	120 361	NUT, hex (6)
	381 052 R1	BOLT, 5/8" long (6)
	3 479	WASHER, flat (6)
	363 885 R91	NUT, floating (2)
	67 211 C1	BOLT, 1/2" long (6)
	120 217	WASHER, 105PG (6)
2	401 933 R1	COVER with two SCREW, 389 872 R1 and two WASHER, 376 787 R1, rear hood
3	389 872 R1	SCREW (2)
	376 787 R1	WASHER, (X) (2)
4	1 213 141 C1	SUPPORT, hood cover (Machines w/Underslung Exhaust)
5	3 113 079 R1	PANEL, LH lower hood
	157 728	SCREW, cr-rec-truss hd mach
	120 375	NUT
	120 380	WASHER, lock
6	3 113 080 R1	PANEL, RH lower hood
	157 728	SCREW, cr-rec-truss hd mach
	120 375	NUT
	120 380	WASHER, lock
7	527 591 R5	COVER, rear top
	124 829	NUT, jam (2)
	120 214	WASHER, lock (5)
	120 368	NUT, hex (5)
8	401 941 R2	SPACER, mounting, short (2)
9	527 589 R2	COVER, RH rear vertical
	180 018	BOLT, (2)
10	527 587 R1	COVER, LH rear vertical (Hydrostatic Hand Control and Synchro-mesh Transmission)
10	537 963 R2	COVER, LH rear vertical (Hydrostatic Foot Control)

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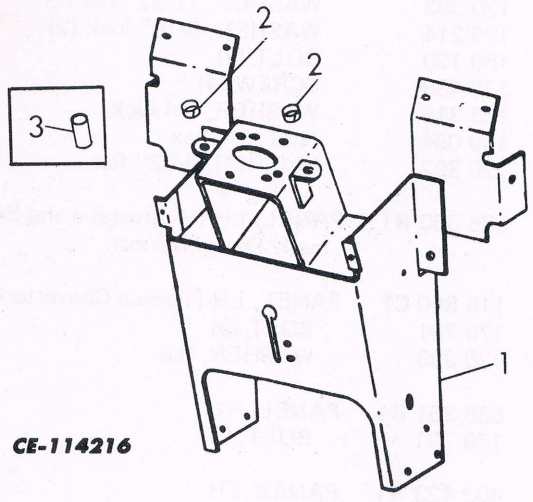
REF. NO.	PART NUMBER	DESCRIPTION
HOOD AND PANELS – Continued		
10	1 213 301 C1	COVER, LH vertical (Torque Converter)
	180 018	BOLT (2)
11	527 679 R3	COVER, hitch control lever
	180 073	BOLT
	120 214	WASHER, lock
12	401 940 R2	SPACER, mounting (Tractors not equipped w/IPTO) (2)
13	67 263 C1	BRACKET, top cover rear (Tractors not equipped w/Draft Control) (2)
	179 845	BOLT (4)
	120 377	NUT, hex (4)
	120 382	WASHER, lock (4)
14	1 201 381 C1	STRAP, extension shield (PAY tractors)
	157 728	SCREW
	120 380	WASHER, lock
	120 375	NUT
15	67 782 C1	PLATE, hitch control lever cover (Machines w/out draft control and/ or independent pto)
16	69 742 C1	TRIM, hood
17	1 201 383 C1	SHIELD, RH extension (PAY tractors)
	180 083	BOLT (2)
	446 470	WASHER, flat (4)
	120 214	WASHER, lock (2)
	120 376	NUT (2)
18	1 201 378 C1	FASTENER, U-clip (PAY tractors) (4)
19	1 201 376 C1	STRAP, upper extension shield (PAY tractors) (3)
	157 728	SCREW (3)
	120 380	WASHER, lock (3)
	120 375	NUT (3)
20	1 201 382 C1	SHIELD, LH extension (PAY tractors)
21	1 213 140 C1	COVER, hood (Machines w/Under-slung Exhaust)
	159 920	SCREW (2)
	120 217	WASHER, lock (2)
	120 361	NUT (2)
22	69 323 C1	PANEL, LH side
22	69 324 C1	PANEL, RH side
	381 052 R1	BOLT, washer hd (2)
	120 376	NUT, 5/16 (2)
	120 393	WASHER, 11/32" flat (2)
	120 214	WASHER, 5/16" lock (2)
	180 120	BOLT (2)
	172 439	SCREW (4)
	103 319	WASHER, 1/4 lock
	109 084	NUT, 1/4 hex
	120 392	WASHER, 9/32" flat
23	538 360 R1	PANEL, LH (Hydrostatic and Synchro-mesh Transmissions)
23	115 840 C1	PANEL, LH (Torque Converter)
	179 791	BOLT (3)
	120 393	WASHER, flat
24	538 361 R1	PANEL, RH
	179 791	BOLT, (3)
25	402 423 R1	PANEL, LH
26	402 424 R1	PANEL, RH
27	65 125 C1	SHIELD, heat
	534 458 R1	NUT, hex lock (2)
	3 479	WASHER (2)
28	67 262 C2	BRACKET, front top cover (Tractors not equipped w/Draft Control)
	179 835	BOLT (2)
	120 377	NUT, hex (2)
	120 382	WASHER, lock (2)

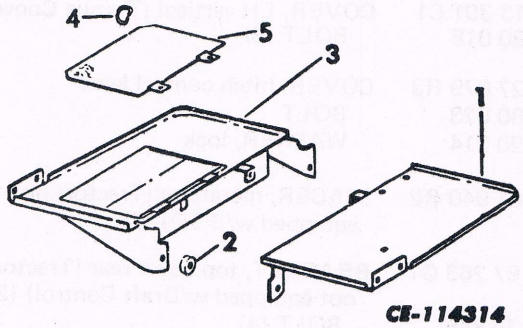
STEERING SUPPORT



CE-114216

REF. NO.	PART NUMBER	DESCRIPTION
1	3 113 301 R2	SUPPORT, steering (Hydrostatic Transmission)
	180 121	BOLT, 7/8" long (4)
	179 833	BOLT, 1/2" long (4)
	179 814	BOLT, 5/8" long (4)
	103 320	WASHER, lock (4)
	179 791	BOLT, 1/4-20 (4)
	572 830 R1	BOLT, w/nylon pellet (Machines w/Hand Controls only)
1	115 871 C1	SUPPORT, steering (Torque Converter Transmission)
	179 833	BOLT, 3/8-16 (4)
	179 791	BOLT, 1/4-20 (4)
	179 814	BOLT, 5/8" long (4)
	786 618 C1	NUT, floating cage (2)
	103 320	WASHER, lock (4)
1	3 113 300 R2	SUPPORT, steering (Synchromesh Transmission)
	179 814	BOLT, 5/8" long (4)
	179 791	BOLT, 1/4-20 (4)
	179 883	BOLT, 3/8-16 (4)
	786 618 C1	NUT, floating cage (2)
	103 320	WASHER, lock (4)
2	536 704 R1	BUSHING, control handle clamp (Machines w/Hydrostatic Hand Controls only)
3	399 912 R1	BUSHING (Torque Converter Transmission only)

PLATFORM, MOUNTING STEP AND TOOL BOX



CE-114314

REF. NO.	PART NUMBER	DESCRIPTION
1	115 858 C1	PLATFORM, RH
	160 717	BOLT, 1" long No. 14 (PAY tractors)
	18 508 R1	BOLT, 3/4" long sq-nkcrg
	24 840 R1	BOLT, 3/8 x 1" long (PAY loaders)
	179 881	BOLT, 1" long (2)
	179 838	BOLT, 7/8" long (PAY tractors)
	24 842 R1	BOLT, 1-3/4" long
	120 388	WASHER, lock (PAY loaders)
	120 635	NUT (2)
	23 060 R1	WASHER, inj lock (PAY tractors) (4)
	103 321	WASHER, 3/8 lock (3)
2	528 909 R1	SPACER, LH platform
3	115 865 C1	PLATFORM, LH (Torque Converter Transmission)
3	528 918 R2	PLATFORM, LH (Hydrostatic and Synchromesh Transmissions)
	24 842 R1	BOLT, 1-3/4" long
	18 508 R1	BOLT, 3/4" long sq-nk crg
	179 887	BOLT, 3/4" long
	179 881	BOLT, 1" long
	179 838	BOLT, 7/8" long
	102 635	NUT (2)
	103 323	WASHER, 1/2 lock (2)
	103 321	WASHER, 3/8 lock (3)
4	528 917 R1	RING, finger pull
5	538 421 R1	COVER, tool box
	120 380	WASHER, lock (2)
	120 375	NUT (2)
	20 043 R1	SCREW (2)

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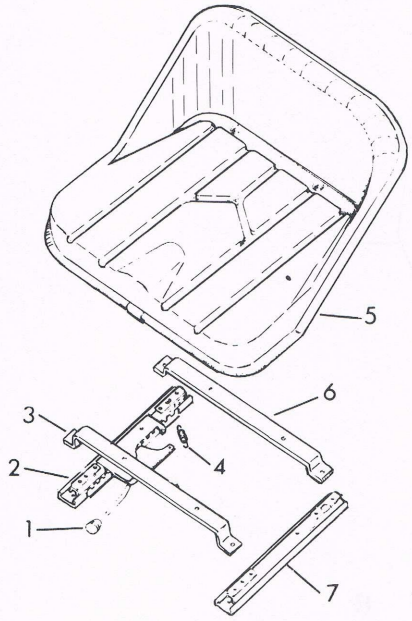
REF. NO.	PART NUMBER	DESCRIPTION

DELUXE SEAT
(PAY® tractor)

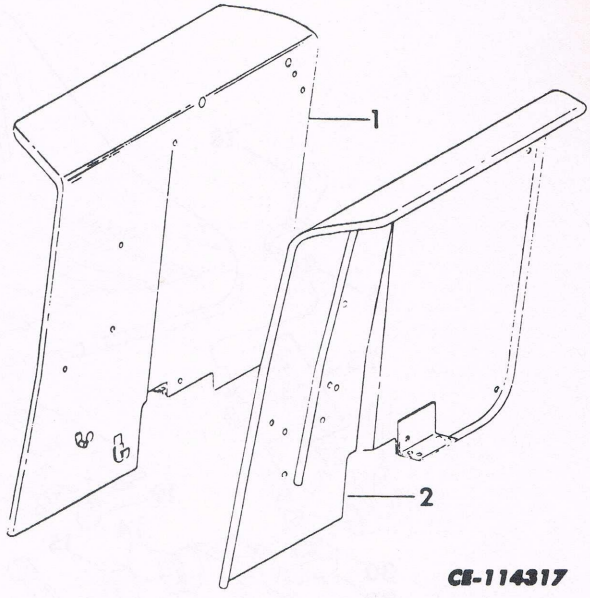


CE-114113

	528 737 R91	SEAT ASSY, deluxe
	160 688	SCREW (8)
		(Consists of the following parts -)
1	538 693 R1	KNOB
2	825 199 C91	RAIL, RH slide w/adjuster
	120 376	NUT (2)
	160 688	SCREW (2)
	120 214	WASHER, lock (4)
3	538 027 R1	BRACKET, front mounting
4	538 694 R1	SPRING
5	538 026 R1	SEAT, pan
6	538 028 R1	BRACKET, rear mounting
7	825 198 C1	RAIL, LH slide
	120 376	NUT (2)
	160 688	SCREW (2)
	120 214	WASHER, lock (4)

REF. NO.	PART NUMBER	DESCRIPTION

REAR FENDERS

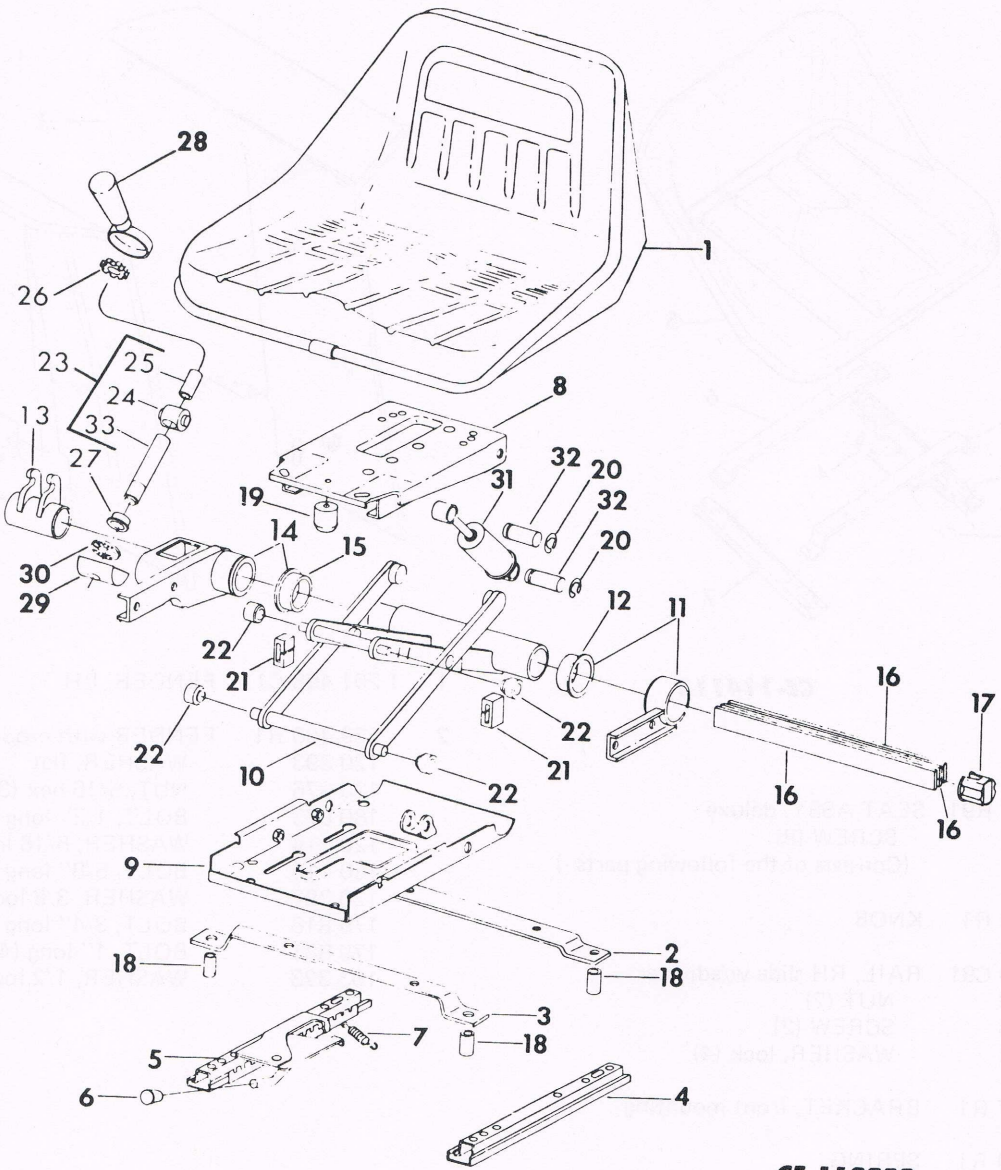


CE-114317

1	1 201 408 C1	FENDER, RH
2	539 460 R1	FENDER with product graphic, LH
	120 393	WASHER, flat
	120 376	NUT, 5/16 hex (3)
	180 073	BOLT, 1/2" long (5)
	120 214	WASHER, 5/16 lock (7)
	180 118	BOLT, 5/8" long (3)
	120 382	WASHER, 3/8 lock (3)
	179 816	BOLT, 3/4" long (2)
	179 881	BOLT, 1" long (4)
	103 323	WASHER, 1/2 lock (4)

REF. NO.	PART NUMBER	DESCRIPTION

SUSPENSION SEAT
(PAY® loader)



CE-112233

REF. NO.	PART NUMBER	DESCRIPTION
	528 738 R91	SEAT ASSY, deluxe suspension
	138 538	WASHER, int-tooth lock (4)
	160 688	SCREW, mach (4)
1	538 528 R1	SEAT, pan
	120 393	WASHER, flat (4)
	120 214	WASHER, lock (4)
	160 688	SCREW, mach (4)
2	538 529 R1	BRACKET, rear
3	538 550 R1	BRACKET, front
	160 688	SCREW, mach (4)
	120 214	WASHER, lock (4)
	120 376	NUT, hex (4)
4	825 198 C1	RAIL, LH slide
	160 688	SCREW, mach (2)
	120 214	WASHER, lock (2)
5	825 199 C91	RAIL, RH slide
	160 688	SCREW, mach (2)
	120 214	WASHER, lock (2)

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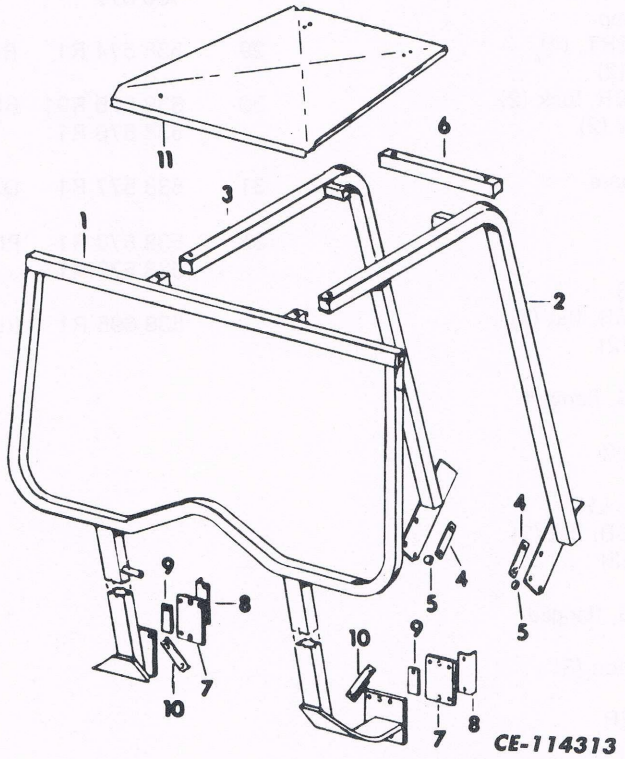
REF. NO.	PART NUMBER	DESCRIPTION
SUSPENSION SEAT (PAY® loader) – Continued		
6	538 693 R1	KNOB
7	538 694 R1	SPRING
8	538 551 R1	PLATE, top
	538 552 R1	NUTSERT, (4)
	180 018	BOLT (2)
	120 380	WASHER, lock (2)
	156 241	SCREW (2)
9	538 553 R1	PLATE, base
10	538 554 R1	LEVER
11	538 555 R91	BEARING
	120 393	WASHER, flat (2)
	180 073	BOLT (2)
12	538 556 R1	BEARING, flanged
13	538 557 R1	ADJUSTER
14	538 558 R91	SHROUD, LH
	120 393	WASHER, flat (2)
	180 073	BOLT (2)
15	538 556 R1	BEARING, flanged
16	3 074 836 R1	BAR, torsion (3)
17	538 560 R1	RETAINER
18		NOT USED IN THIS APPLICATION
19	3 109 739 R1	BUMPER
	132 259	SCREW, cr-rec-fil-hd mach
	32 590 D	WASHER, flat (2)
20	110 668 R1	CIRCLIP (2)
21	538 564 R1	STOP, limit (2)
	538 565 R1	WASHER (6)
22	538 566 R1	ROLLER (4)
23	538 567 R91	STUD ASSY w/TRUNNION, 538 568 R1 and SLEEVE, 538 569 R1, adjuster
24	538 568 R1	TRUNNION, adjuster
25	538 569 R1	SLEEVE
26	538 570 R1	GEAR, adjuster
27	538 571 R1	COLLAR
	538 572 R1	PIN, roll
28	538 573 R1	HANDLE, ratchet
	20 893 R1	WASHER, flat
	120 214	WASHER, lock
	180 077	BOLT
29	538 574 R1	ROCKER
30	538 575 R91	BEARING
	538 576 R1	WASHER (2)
31	538 577 R1	DAMPER
32	538 578 R1	PIN, damper (2)
	538 579 R1	PIN, roll (2)
	538 695 R1	PLUG, push-in

REF. NO.	PART NUMBER	DESCRIPTION

FOUR POST WIDE PROFIL ROPS W/SEAT BELT
(PAY ® tractor) (If Equipped)



REF. NO.	PART NUMBER	DESCRIPTION
1	$	FRAME, rear
	380 575 R2	BOLT (8)
	21 434 R1	NUT, 5/8 hex (8)
	23 702 R1	BOLT (4)
	22 049 R1	NUT (4)
2	$	LEG, RH front
	21 457 R1	BOLT (3)
	131 046	WASHER, lock (2)
3	$	LEG, LH front
	21 457 R1	BOLT (3)
	131 046	WASHER, lock (3)
4	537 308 R1	PLATE, spacer (2)
5	537 309 R1	SPACER (2)
6	$	BAR, front cross
	20 906 R1	BOLT (4)
	121 574	WASHER, lock (4)
	21 434 R1	NUT (4)
7	$	PLATE, backing (2)
8	66 062 C1	PLATE, mounting (2)
9	66 063 C1	SHIM (4)
10	$	PLATE, mounting (2)
11	66 797 C1	CANOPY
	432 487	PLUG, button (2)
	217 759	WASHER (4)

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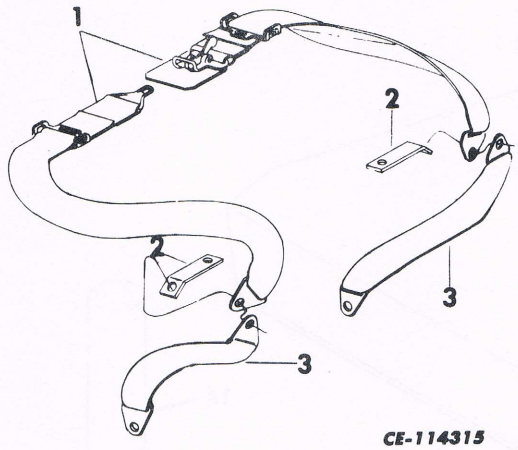
SEAT BELT

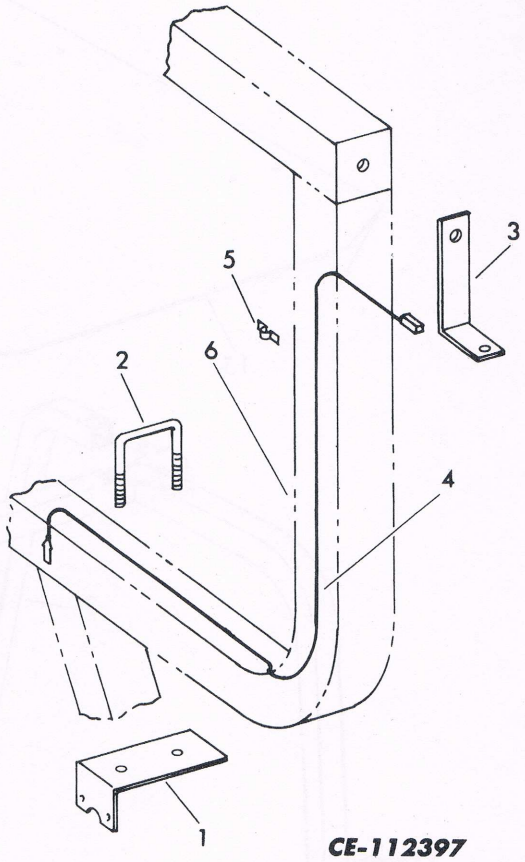


CE-114315

REF. NO.	PART NUMBER	DESCRIPTION
1	537 339 R1	BELT, seat (2 inch)
	404 911 C1	BOLT, anchor (2)
	24 513 R1	NUT, hex (2)
1	636 888 C1	BELT, seat (3 inch) (%)
	344 096 C3	BOLT, anchor (%) (2)
	404 911 C1	BOLT, anchor (%) (2)
	272 123	NUT, jam (%) (2)
	24 513 R1	NUT, hex (%) (2)
	23 043 R1	WASHER, flat (%) (2)
1	71 236 C1	BELT, seat (2 inch) (@)
2	539 259 R1	CLIP, seat belt anchor (Used w/ suspension seat only) (2)
	404 911 C1	BOLT, seat belt anchor (2)
	120 383	WASHER, lock (2)
	24 513 R1	NUT, hex (2)
	120 395	WASHER (4)
3	539 258 R1	BELT, seat retainer (Used w/suspension seat only) (2)
	71 233 C91	ACCESSORY, seat belt (2 inch) (Consists of one BELT, 71 236 C1 and one instructions , 1 084 378 R1)
	70 885 C91	ACCESSORY, (3 inch) seat belt (Consists of - 2 ANCHOR BOLT 344 096 C3; 2 ANCHOR BOLT 404 911 C1; 1 INSTRUCTIONS 1 084 357 R1; 2 JAM NUTS 272 123; 2 NUT 24 513 R1; 1 SEAT BELT 636 888 C1; 2 WASHERS 23 043 R1)

(@) Also part of Seat Belt Accessory, 71 233 C91
(%) Also part of Seat Belt Accessory, 70 885 C91

BRAKE AND FLASHING LIGHT MOUNTING BRACKET
(Machines Equipped w/ROPS)

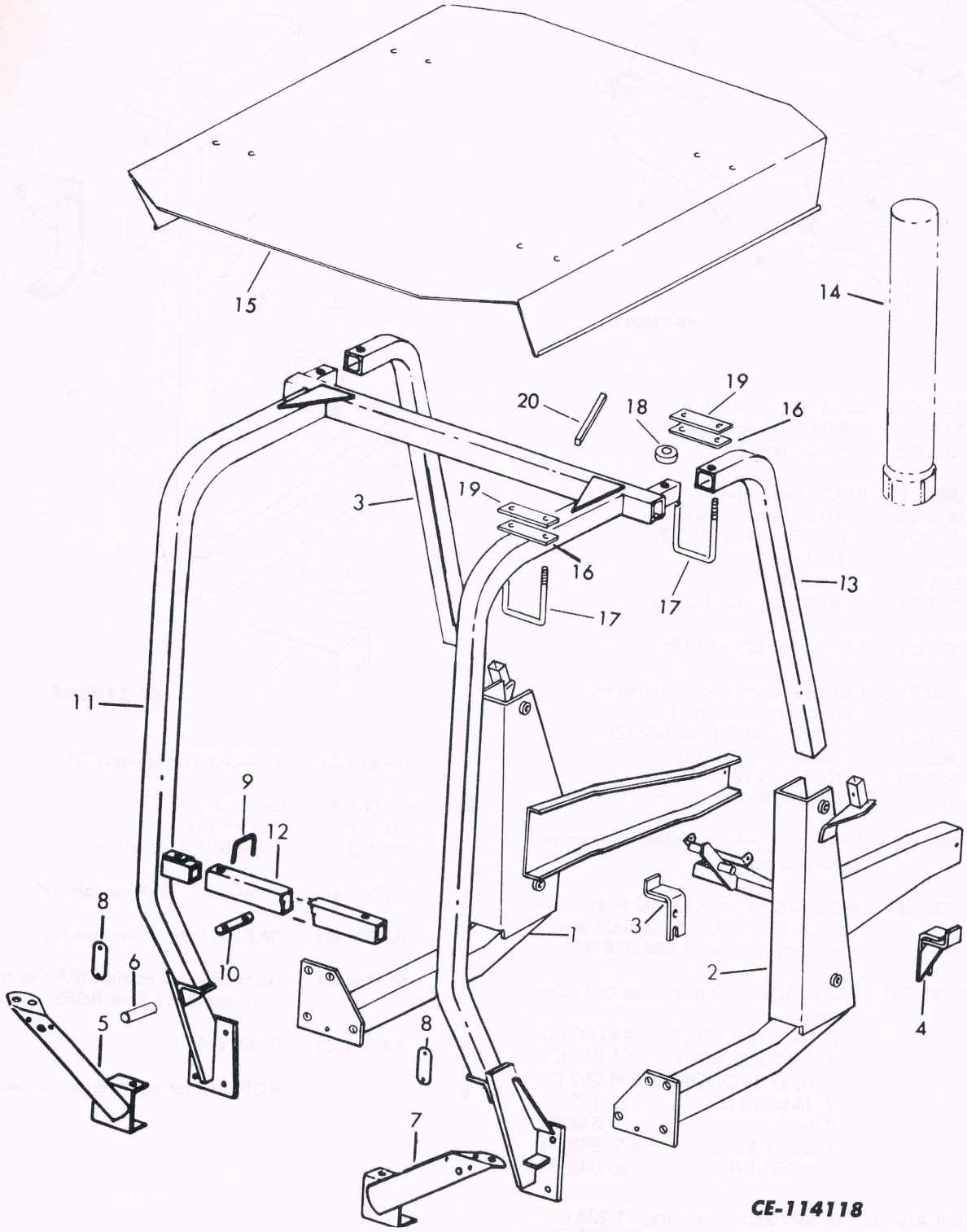


CE-112397

REF. NO.	PART NUMBER	DESCRIPTION
1	69 973 C1	BRACKET, stop light (2)
2	527 067 R1	U-BOLT (2)
	120 377	NUT (4)
	120 382	WASHER, lock (4)
3	69 946 C1	BRACKET, flashing light (2)
4	69 974 C1	CABLE, light to harness (2)
4	66 064 C1	HARNESS, extension (PAY® tractors equipped w/4 Post ROPS)
5	67 311 C1	CLIP, (14)
6		ROPS (Refer to Protective Frame)

REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION

FOUR POST ROPS
(PAY® loaders)



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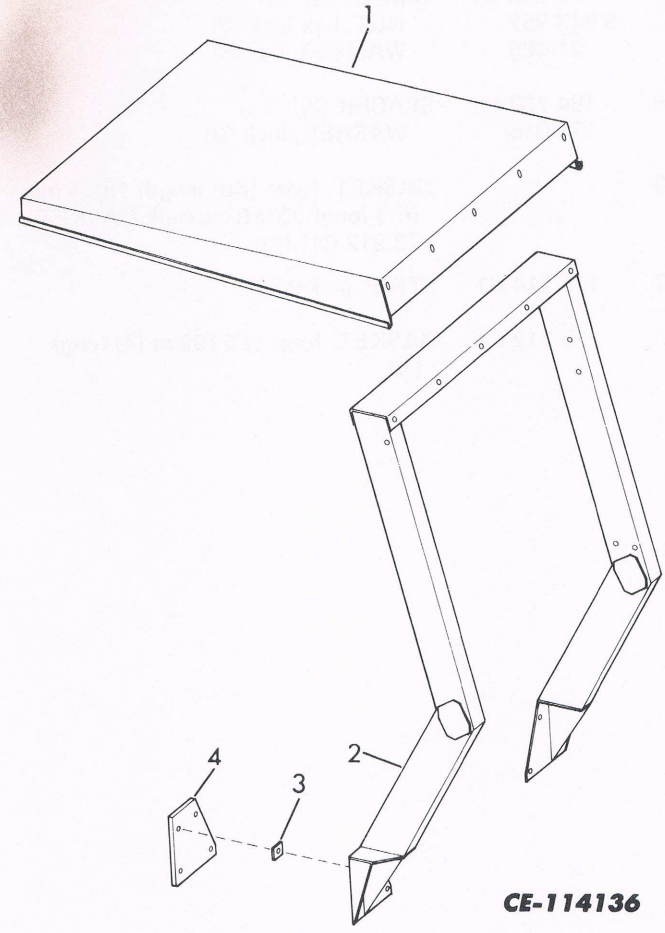
REF. NO.	PART NUMBER	DESCRIPTION
FOUR POST ROPS – Continued (PAY® loaders)		
1	69 194 C2	SUBFRAME, LH loader
2	69 195 C2	SUBFRAME, RH loader
3	544 423 R2	BRACKET, LH front mounting
	271 771	BOLT (2)
	220 086	NUT, hex (2)
	271 027 R1	WASHER, flat (2)
	131 046	WASHER, lock (4)
4	544 424 R2	BRACKET, RH front mounting
	271 771	BOLT (2)
	220 086	NUT, hex (2)
	271 027 R1	WASHER, flat (2)
5	69 975 C1	BRACKET, LH light
6	F 18 186	SPACER, pipe
	191 163	BOLT
	120 377	NUT, hex
	120 394	WASHER, flat
	120 382	WASHER, lock
7	69 976 C1	BRACKET, RH light
8	175 311 C1	REFLECTOR (2)
9	70 748 C1	U-BOLT
10	70 747 C1	BAR
	120 376	NUT, hex (2)
	120 393	WASHER, flat (2)
	120 214	WASHER, lock (2)
11	$	FRAME, rear ROPS
	26 579 R1	BOLT (8)
	25 528 R1	NUT, hex (8)
	25 976 R1	WASHER, flat (14)
12	$	BAR, rear cross
	21 362 R1	BOLT (2)
	21 434 R1	NUT, hex (2)
	121 574	WASHER, lock (2)
13	$	LEGS, front
	20 906 R1	BOLT (2)
	21 434 R1	NUT, hex (2)
	121 574	WASHER, lock (2)
14		PIPE, exhaust extension (Refer to Vertical Exhaust)
15	102 926 C1	CANOPY
	23 062 R1	BOLT (2)
	21 434 R1	NUT, hex (2)
	121 574	WASHER, lock (2)
16	70 747 C1	BAR (4)
17	70 748 C1	U-BOLT (4)
	9 413 952	NUT, hex lock (8)
	21 496	WASHER, flat (8)
18	184 732 H1	SPACER (2)
	131 016	WASHER, lock (2)
19		GASKET, foam (Cut length 152.4 mm (6") long) (Cut from bulk GASKET, 73 212 C1) (2)
20	115 114 C1	STRIP, gasket (4)
	73 212 C1	GASKET, form (1.2192 m (4) long) (X)

REF. NO.	PART NUMBER	DESCRIPTION

TWO POST ROPS



1	1 213 318 C1	CANOPY, ROPS (if equipped)
	26 100 R1	SCREW (7)
	103 321	WASHER, lock (7)
	446 470	WASHER, flat (7)
2	1 213 261 C1	BAR, 2 post rail
	26 579 R1	BOLT (8)
	25 528 R1	NUT (8)
	25 976 R1	WASHER, hardened (16)
	26 100 R1	SCREW (4)
	103 321	WASHER, lock (4)
3	59 320 C1	SPACER (PAYtractors) (6)
4	115 970 C1	PLATE, mounting (PAYtractors) (2)

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REFER TO ALPHABETICAL INDEX
FOR COMPLETE LISTING OF PARTS

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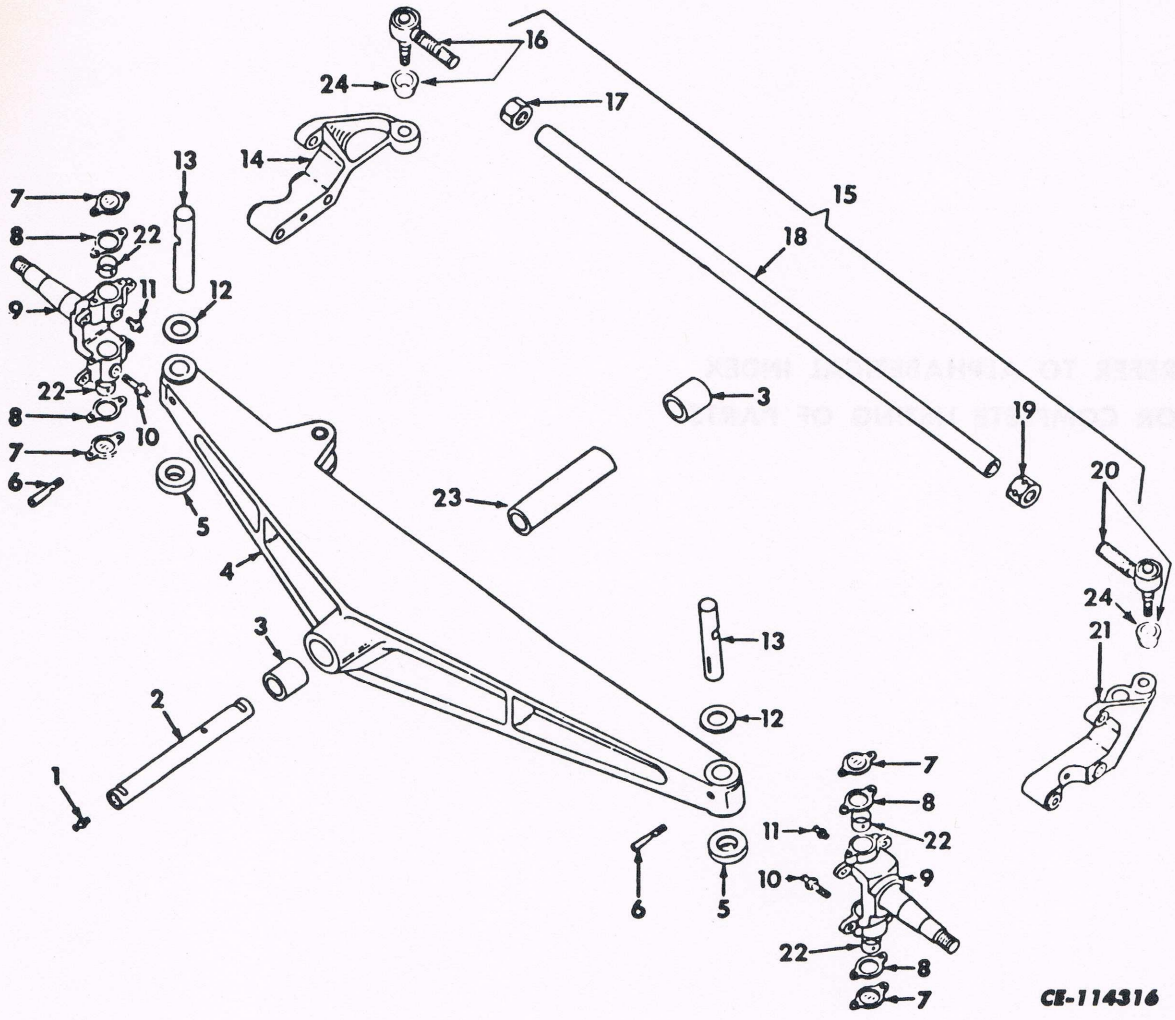
CAST "I" BEAM FRONT AXLE



REF. NO.	PART NUMBER	DESCRIPTION
1	19 628 R91	FITTING, lube
2	378 503 R1	PIN, pivot
	180 193	BOLT
	120 378	NUT
3	378 813 R1	BUSHING, axle (2)
4	378 502 R12	AXLE ASSY w/two BUSHINGS, 378 813 R1 and SPACER, 530 975 R2, front
5	21 076 D	BEARING, steering knuckle thrust (2)
6	62 798 H	KEY, draw-king pin (2)
	124 829	NUT, jam (2)
	120 382	WASHER, lock (2)
7	70 590 R1	CAP, steering knuckle (4)
	51 124 V	BOLT (8)
	116 120	WASHER, lock (8)
8	70 591 R1	GASKET, cap (4)
9	112 775 R11	KNUCKLE ASSY w/four BUSHINGS, 70 589 R1 and two PINS, 107 317, steering (2)
	107 317	PIN, taper groove (2)

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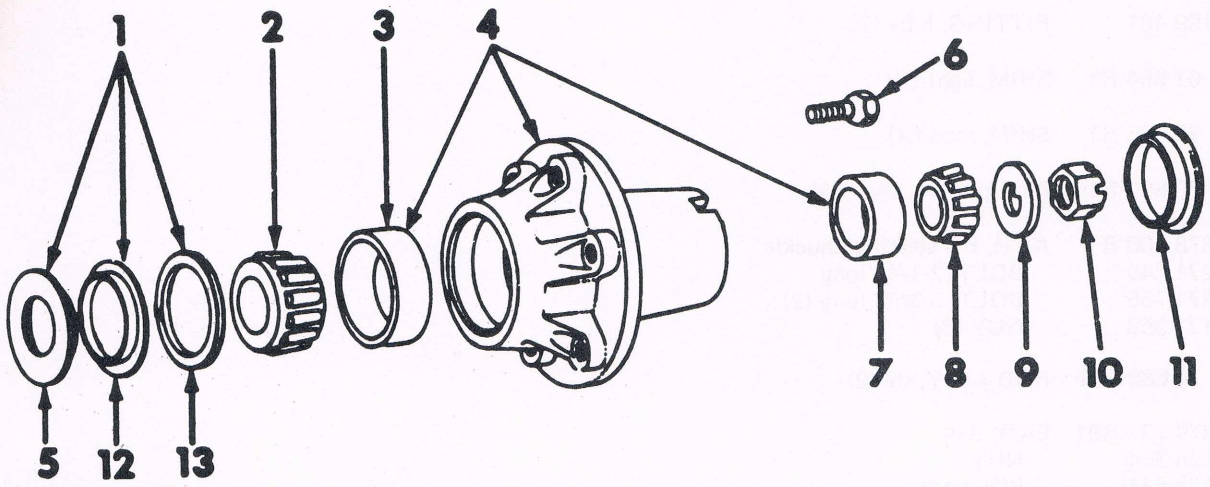
REF. NO.	PART NUMBER	DESCRIPTION
CAST "I" BEAM FRONT AXLE - Continued		
10	273 348	FITTING, lube (2)
11	109 461	FITTING, lube (2)
12	61 554 R1	SHIM, light (X)
12	70 586 R1	SHIM, med (X)
13	70 592 R1	PIN, king-pin pivot (2)
14	378 400 R1	ARM, RH steering knuckle
	271 749	BOLT, 2-1/4" long
	271 755	BOLT, 3-3/4" long (2)
	121 358	NUT (3)
15	70 688 C91	ROD ASSY, tie (2)
16	379 327 R91	END, RH
	125 384	NUT
	108 641	PIN, cotter
17	379 329 R1	NUT, RH lock
18	70 689 C1	TUBE, connecting
19	379 328 R1	NUT, LH lock
20	379 326 R91	END, LH
	125 384	NUT
	108 641	PIN, cotter
21	378 399 R1	ARM, LH steering knuckle
	271 749	BOLT, 2-1/4" long
	271 755	BOLT, 3-3/4" long (2)
	121 358	NUT (3)
22	70 589 R1	BUSHING, steering knuckle (4)
23	530 975 R2	SPACER
24	358 900 R1	COVER, dust (2)

FRONT WHEEL HUB, BEARINGS AND CAP
(Cast I Beam Front Axle)



CE-114318

REF. NO.	PART NUMBER	DESCRIPTION
1	378 402 R11	RETAINER ASSY, hub felt (@) (2)
2	ST 2 005 A	BEARING, rear inner cone (@) (2)
3	ST 954	BEARING, rear inner cup (@) (2)
4	378 401 R21	HUB ASSY, wheel (2)
5	$	RETAINER, hub felt (@) (2)
6	364 451 R1	BOLT, mounting (12)
7	20 646 DA	BEARING, outer cup (@) (2)
8	ST 2 034	BEARING, outer cone (@) (2)
9	97 788 HA	WASHER, bearing adjustable nut (@) (2)
10	10 305 V	NUT, bearing adjustable (2)
	103 388	PIN, cotter
11	378 814 R1	CAP, hub (2)
12	97 738 H	RETAINER, oil seal (@) (2)
13	97 737 HA	SEAL, felt oil (@) (2)
	65 990 C91	PACKAGE, front wheel bearing overhaul (2) (Consists of -

1 BEARING	ST 954
1 BEARING	ST 2 005 A
1 BEARING	ST 2 034
1 BEARING	20 646 DA
1 RETAINER	$
1 RETAINER	97 738 H
1 RETAINER	378 402 R11
1 SEAL	97 737 HA
1 WASHER	97 788 HA)

(@) Also part of PACKAGE, 65 990 C91

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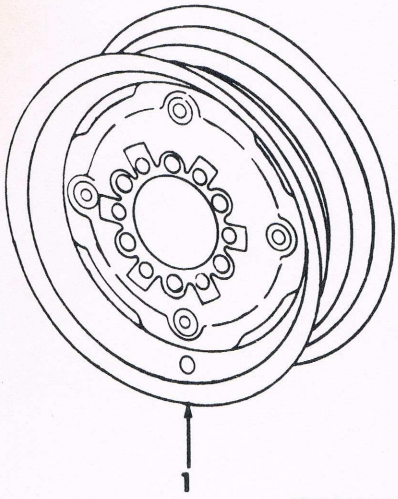
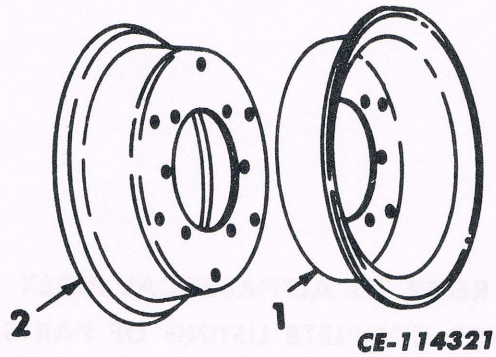
FRONT WHEELS
(All Models except Lo-Boy)



CE-114320

REF. NO.	PART NUMBER	DESCRIPTION
1	364 343 R92	WHEEL, front (Disc type) (5.50F x 16DC rim (For 7.50-16 tires) (2)
1	403 655 R1	WHEEL ASSY, 8 lb-16 rim int w/disc (2)
	387 897 R91	VALVE, TR-415 tubeless tire (2)
1	533 313 R1	WHEEL (Reversible Disc) (WHBL-16 C.V.) (For 11-L-16 tires)
	536 705 R91	VALVE, TR-415 tubeless tire (2)

FRONT WHEELS (SPLIT TYPE)
(Double-Disc) (Lo-Boy)



CE-114321

REF. NO.	PART NUMBER	DESCRIPTION
1	386 082 R1	WHEEL HALF, outer (2)
2	386 081 R1	WHEEL HALF, inner (2) (6.00F x 10 double disc for 9.00-10 tire)
	181 696	BOLT (12)
	120 371	NUT, hex (12)
	120 384	WASHER, lock (12)

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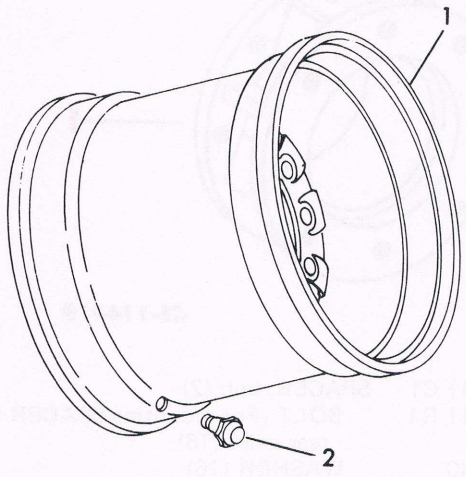
REF. NO.	PART NUMBER	DESCRIPTION

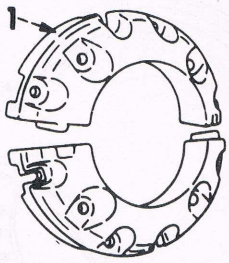
FRONT WHEELS
(One Piece) (All Models, Including Lo-Boy)



CE-112163

REF. NO.	PART NUMBER	DESCRIPTION
1	66 504 C1	WHEEL, front (8.5 JA x 12 for 26 x 12.00-12 Terra rib tires) (2)
2	387 841 R91	VALVE, TR-413 tubeless type (2)

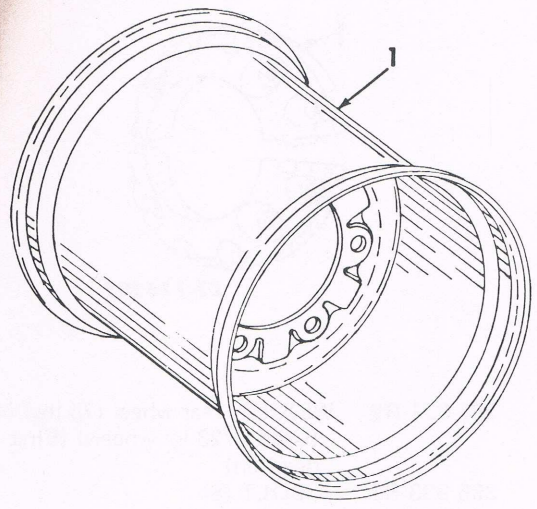
REAR WHEEL WEIGHTS



CE-114201

REF. NO.	PART NUMBER	DESCRIPTION
1	365 321 R2	WEIGHT, rear wheel (75 lbs) (4) (Used w/28 in. wheels) (First position)
	365 333 R1	BOLT (8)
	124 847	NUT, jam (8)
	124 589	NUT (8)
	121 574	WASHER, lock (16)
1	365 321 R2	WEIGHT, rear wheel (75 lbs) (4) (Used w/28 in. wheels) (Second position)
	365 332 R2	BOLT (8)
	124 847	NUT, jam (8)
	124 589	NUT (8)
	121 574	WASHER, lock (8)

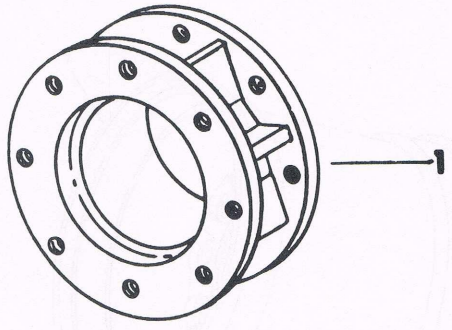
REAR WHEELS



CE-111904

REF. NO.	PART NUMBER	DESCRIPTION
1	386 078 R92	RIM AND DISC, rear wheel (16 x 16.1 lb rim for 18.4-16.1 tire & 20.5 x 38-16.1 super Terra Grip, tubeless) (Lo-Boy) (2)
1	68 813 C1	WHEEL ASSY, w/15L-28DC heavy-duty rim and disc (For 16.9-28 tires) (2)
1	67 593 C1	WHEEL ASSY, w/15-24 rim integral w/disc (For 16.9-24 tire) (2)
1	538 664 R1	WHEEL ASSY, w/15L-24DC rim and disc (For 18.4-24 tires) (2)
1	376 197 R91	RIM AND DISC ASSY, w12-28 rear wheel (For 14.9-28 tire) (2)
1	376 196 R91	RIM AND DISC ASSY, w12-24 rear wheel (For 14.9-24 tire) (2)
	27 459 R1	VALVE, TR-618A air liquid tubeless (2)

REAR WHEEL HUB SPACER (Lo-Boy)



CE-114319

REF. NO.	PART NUMBER	DESCRIPTION
1	66 341 C1	SPACER, hub (2)
	20 611 R1	BOLT (For mounting SPACER to rear axle) (16)
	131 140	WASHER (16)
	21 434 R1	NUT (16)
	403 538 R2	BOLT (For mounting tire rim to SPACER) (PAY tractors) (16)

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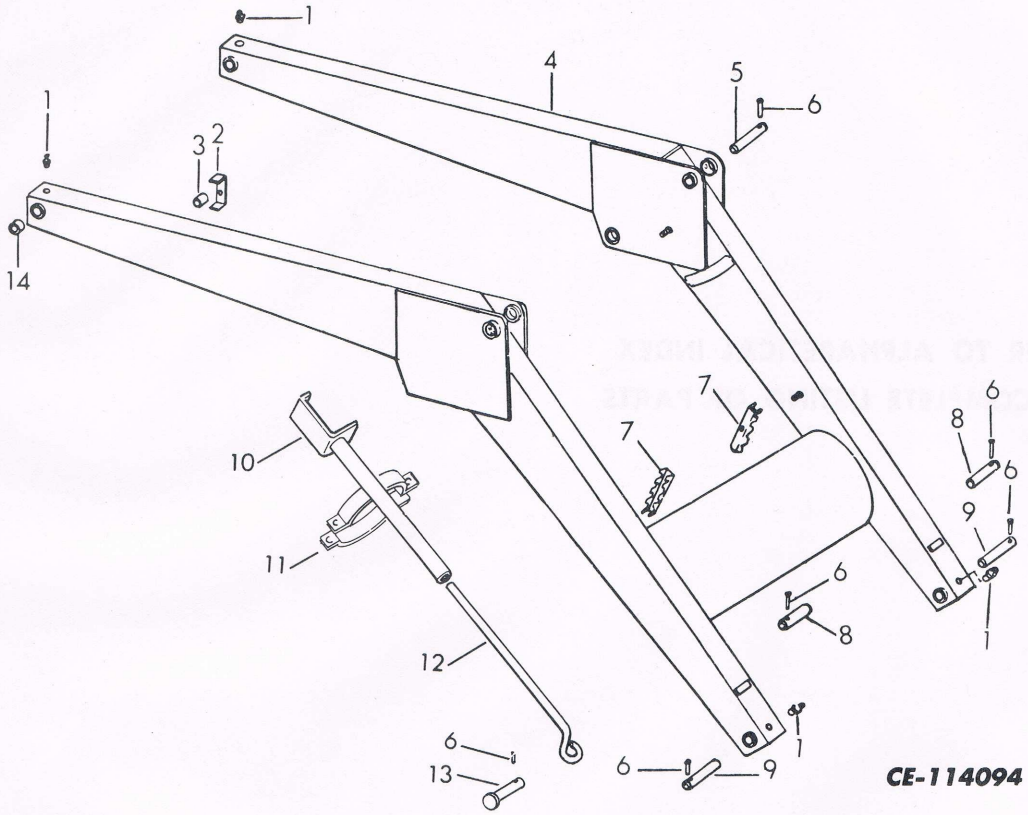
LOADER BOOM, BUCKET LEVEL INDICATOR AND CONNECTIONS



REF. NO.	PART NUMBER	DESCRIPTION
1	273 355	FITTING, lube (4)
2		CLAMP, tube (Refer to "Loader Tubes and Connections")
3		SPACER, tube (Refer to "Loader Tubes and Connections")
4	544 545 R5	BOOM, with eight BUSHINGS, 378 478 R1
	18 252 R1	NUT, nylon insert (6)
5	61 073 C1	PIN, subframe to lift cyl and bucket (2)
6	378 480 R1	PIN, std-hd (12)
	12 235 R1	PIN, cot (12)
7		CLAMP, tube (Refer to "Loader Tubes and Connections") (3)
8	61 073 C1	PIN, lift and bucket cyl to boom (3)
9	61 074 C1	PIN, bucket and subrame to boom (6)
10	1 200 186 C1	SUPPORT, bucket level indicator
11	1 200 183 C1	CLAMP, indicator
	180 122	BOLT (2)
	482 256 R1	NUT, lock (2)
12	1 200 185 C1	ROD, bucket indicator
13	1 200 184 C1	PIN, indicator pivot
14	378 478 R1	BUSHING (8)

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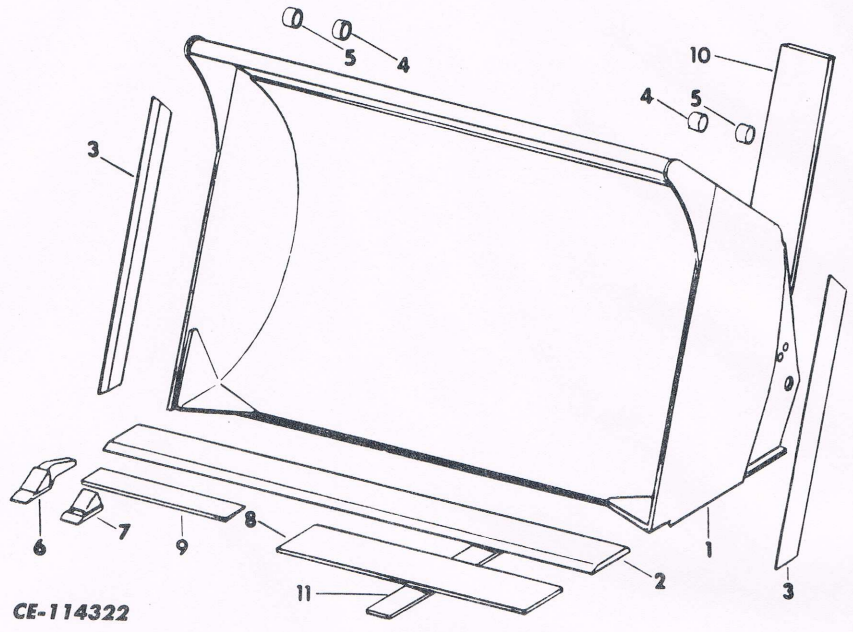
LOADER BUCKETS



REF. NO.	PART NUMBER	DESCRIPTION
A		SERVICE PARTS FOR BUCKET, 1549.4 mm (61''), .3681 cu. meters (13 cu. ft.)
B		SERVICE PARTS FOR BUCKET, 1778.0 mm (70''), .570 cu. meters (3/4 cu. yd.)
C		SERVICE PARTS FOR BUCKET, 20006.6 mm (79''), .670 cu. meters (7/8 cu. yd.)
D		SERVICE PARTS FOR BUCKET, snow, 3108.2 mm (83''), .96 cu. meters, (1-1/4 cu. yd.)
1	$	BUCKET
2	546 601 R2	EDGE, front cutting (Unit A)
2	545 201 R2	EDGE, front cutting (Unit B)
2	546 606 R2	EDGE, front cutting (Unit C)
2	535 423 R2	EDGE, front cutting (Unit D)
3	546 617 R1	EDGE, side cutting (Unit A) (2)
3	545 204 R1	EDGE, side cutting (Unit B) (2)
3	546 867 R1	EDGE, side cutting (Unit C) (2)
3	535 429 R1	EDGE, side cutting (Unit D) (2)
4	378 554 R1	BOSS (4)
5	378 555 R1	BOSS (2)
5	378 473 R1	BOSS (2)
6	547 227 R91	SHANK and TOOTH, (Eight used with Unit C) (Nine used with Unit B)
7	545 596 R1	POINT, tooth (Eight used with Unit C) (Nine used with Unit B)
7	468 433 R1	POINT, tooth (Eight used with Unit C) (Nine used with Unit B)
8	545 202 R2	STRIP, wear (Units A and B) (2)
8	546 868 R1	STRIP, wear (Unit C) (2)
9	545 203 R1	STRIP, wear (Units A and B) (3)
9	535 485 R1	STRIP, wear (Unit C) (3)
10	546 817 R1	BAR, runner (Unit D) (2)
11	535 427 R1	BAR, runner (Unit D) (2)
	59 994 C91	PACKAGE, chain anchor (Consists of two CHAIN ANCHORS and INSTRUCTIONS)

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